

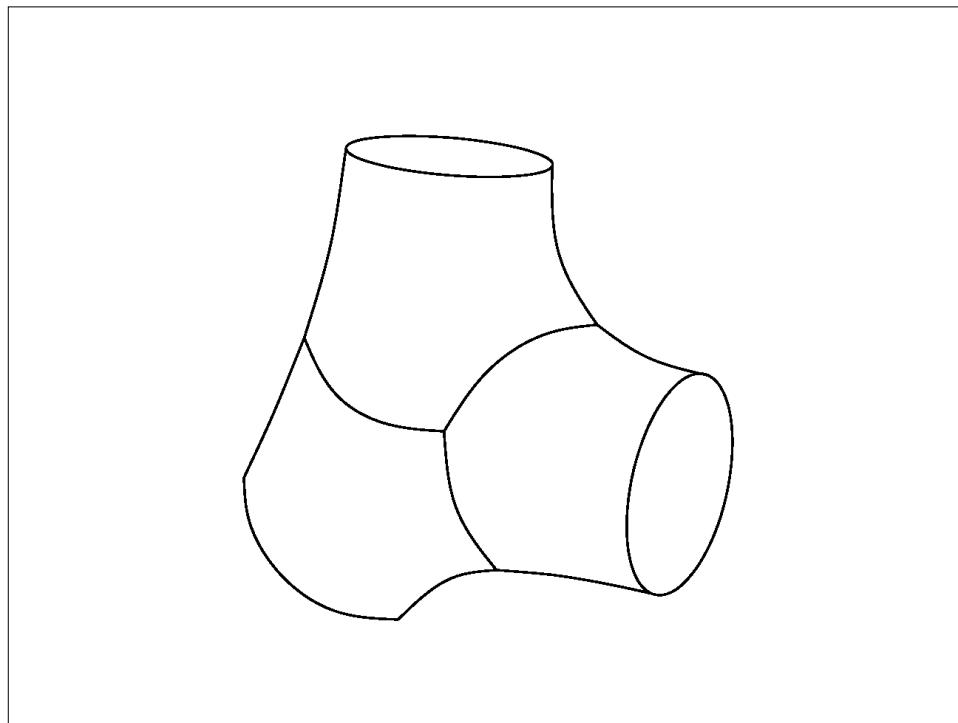
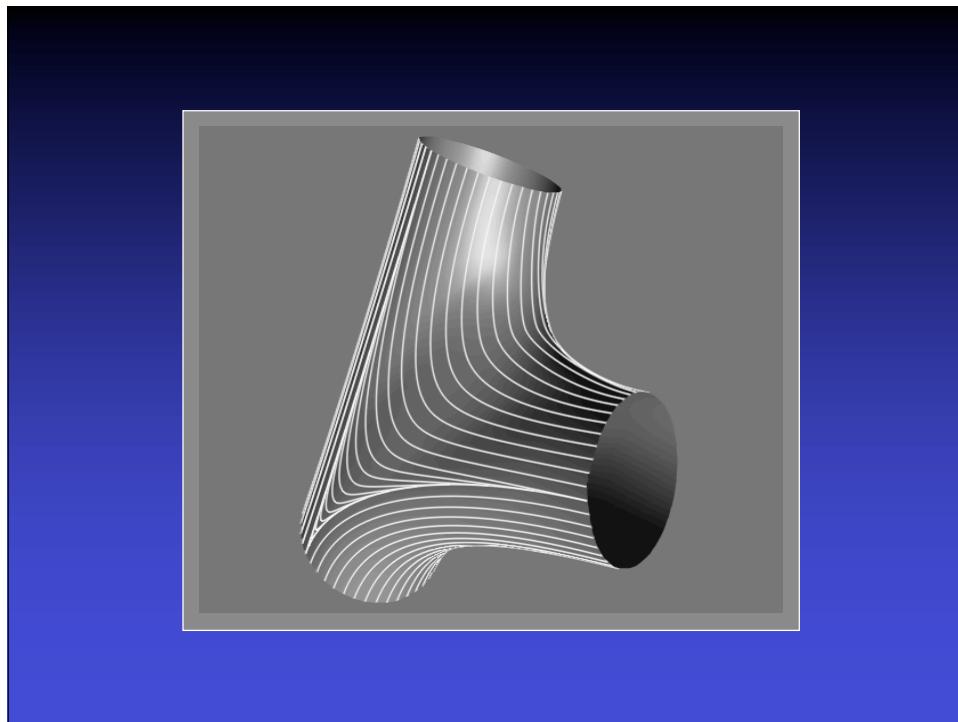
Implicits: Intro and Tour

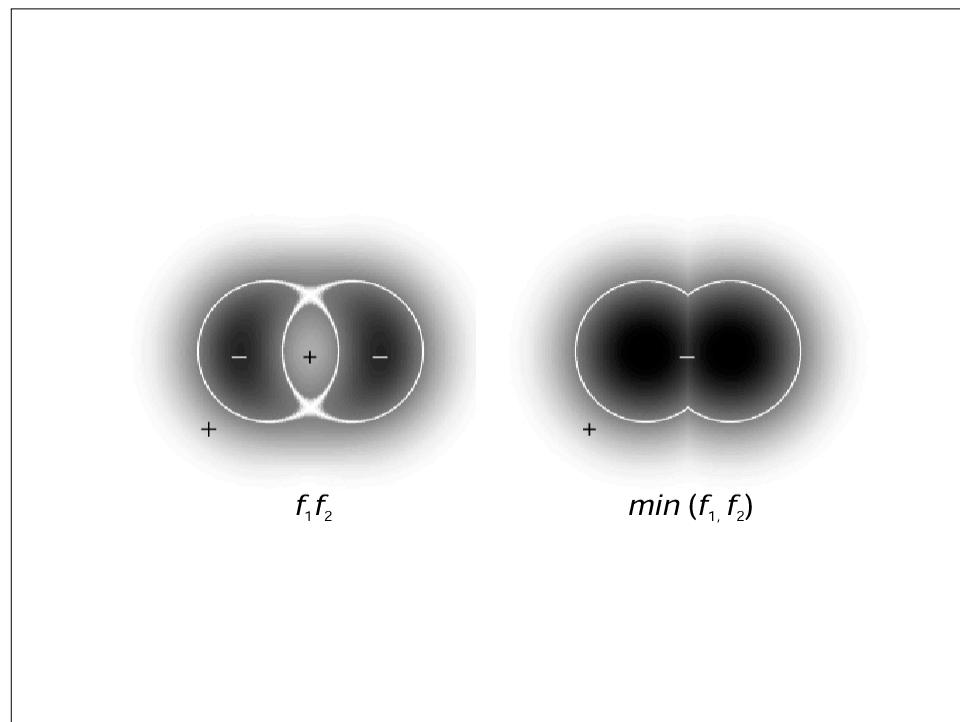
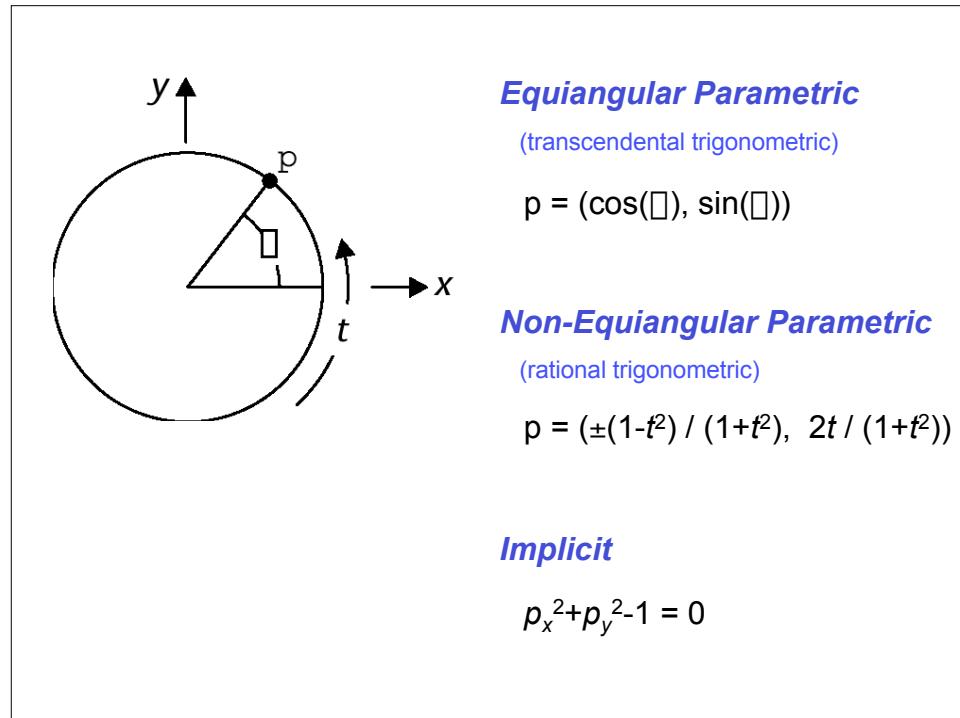
Jules Bloomenthal

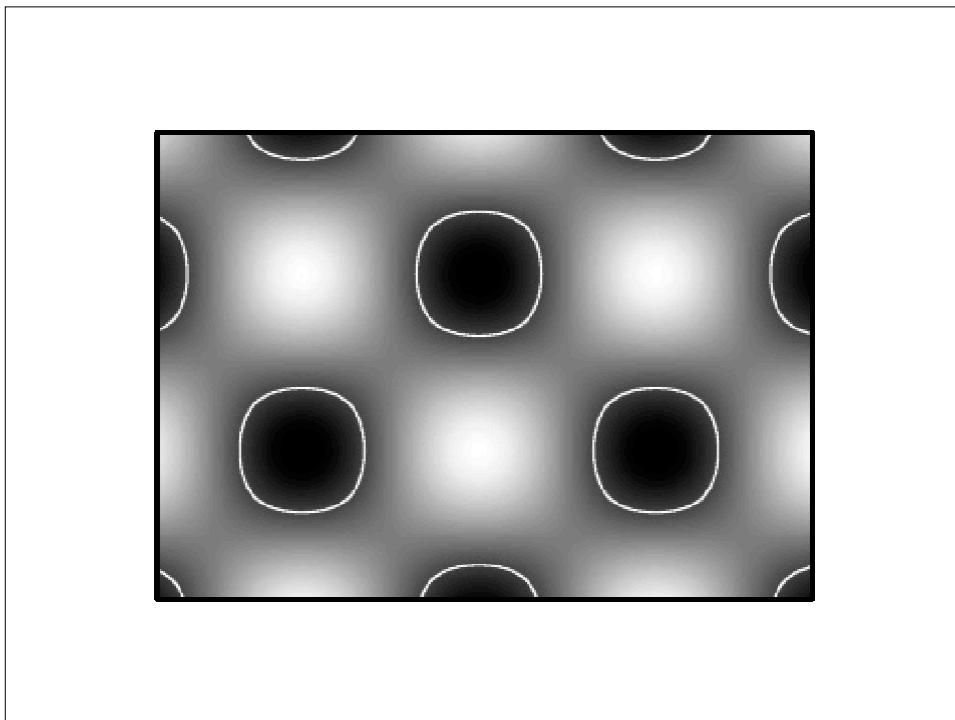
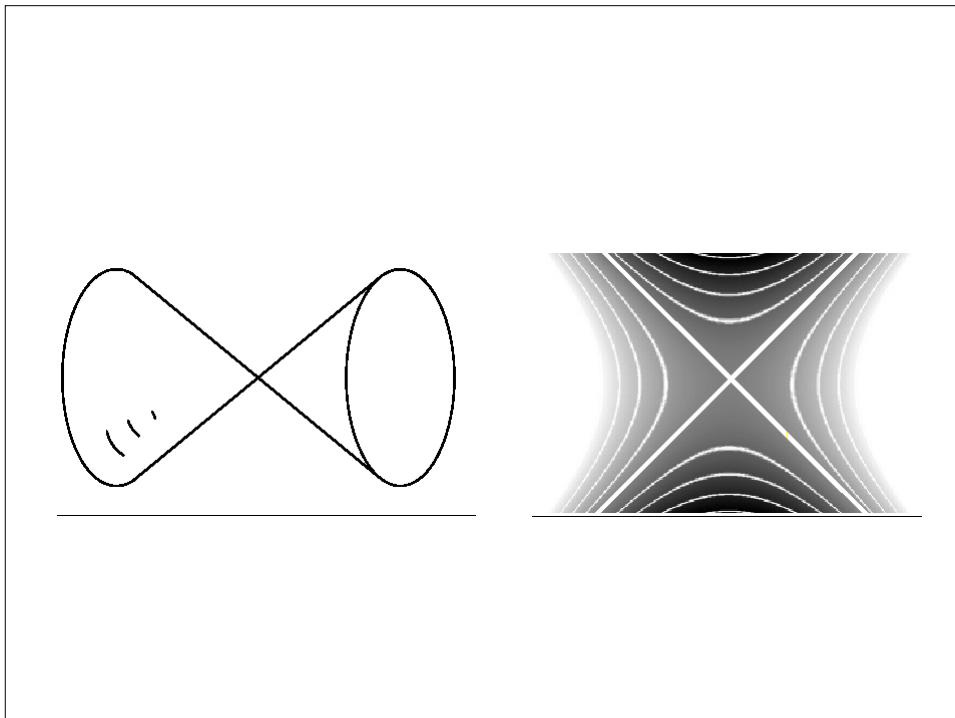
*Unchained Geometry, Inc.
Seattle, Washington*

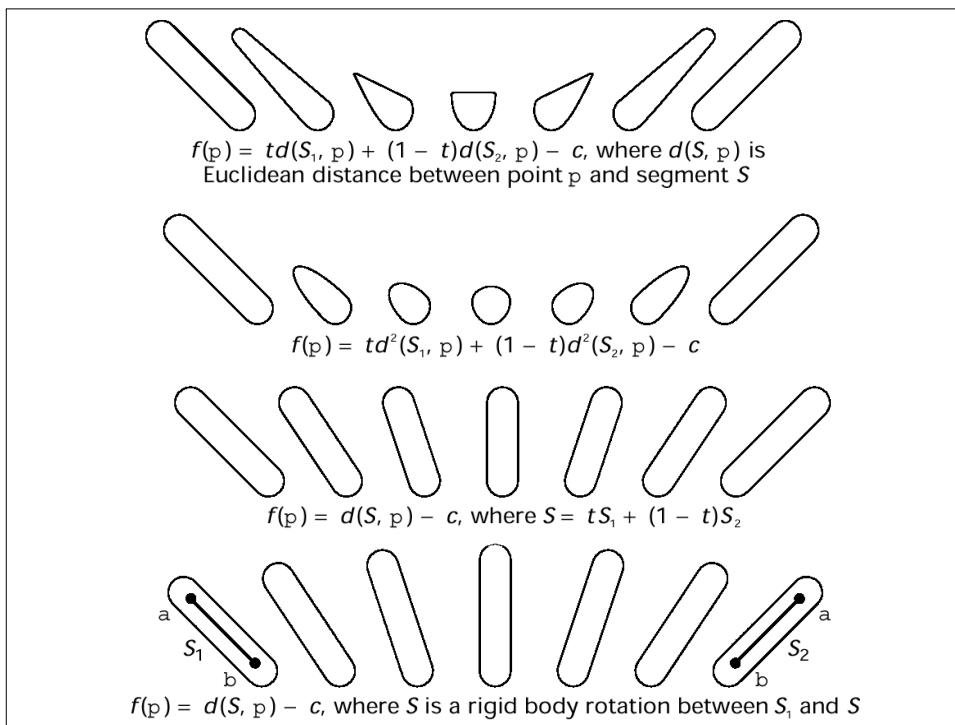
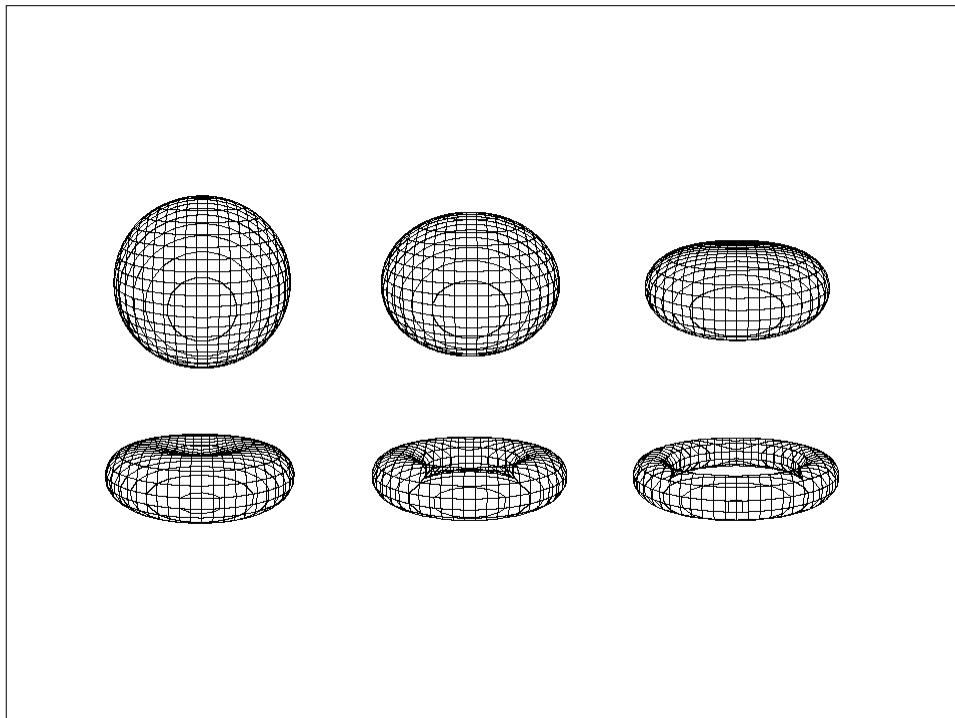
Jules@UnchainedGeometry.com
206-617-6900

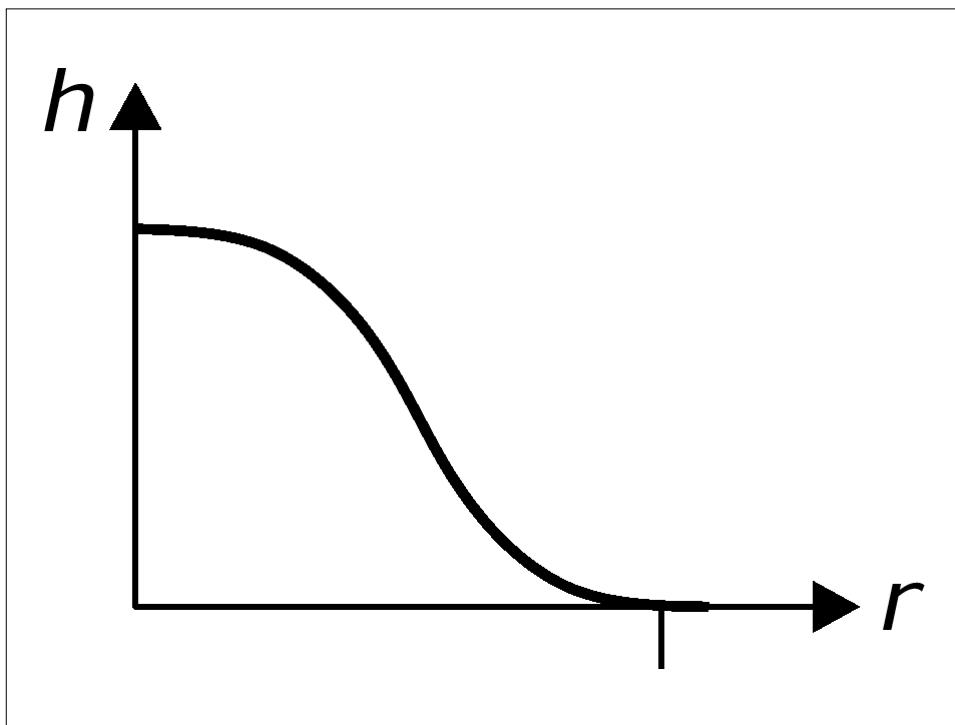
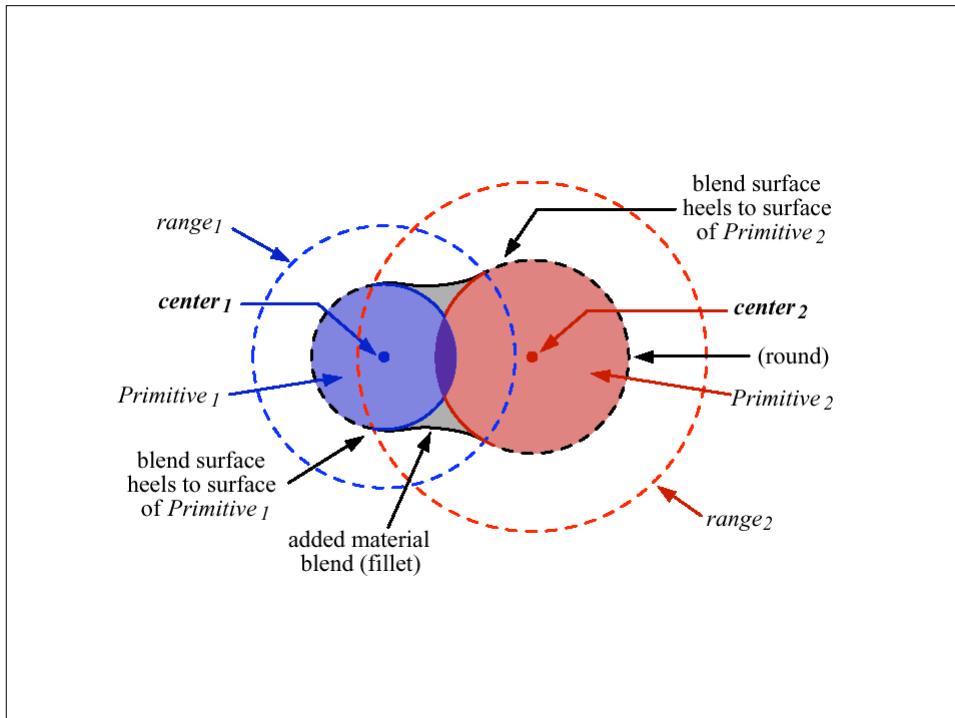


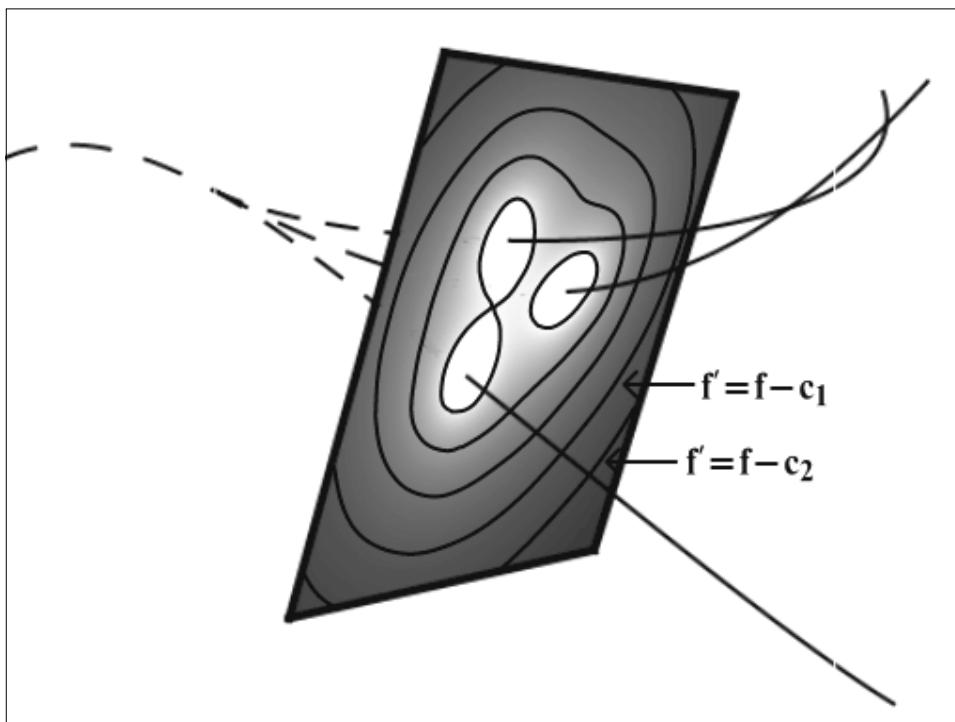
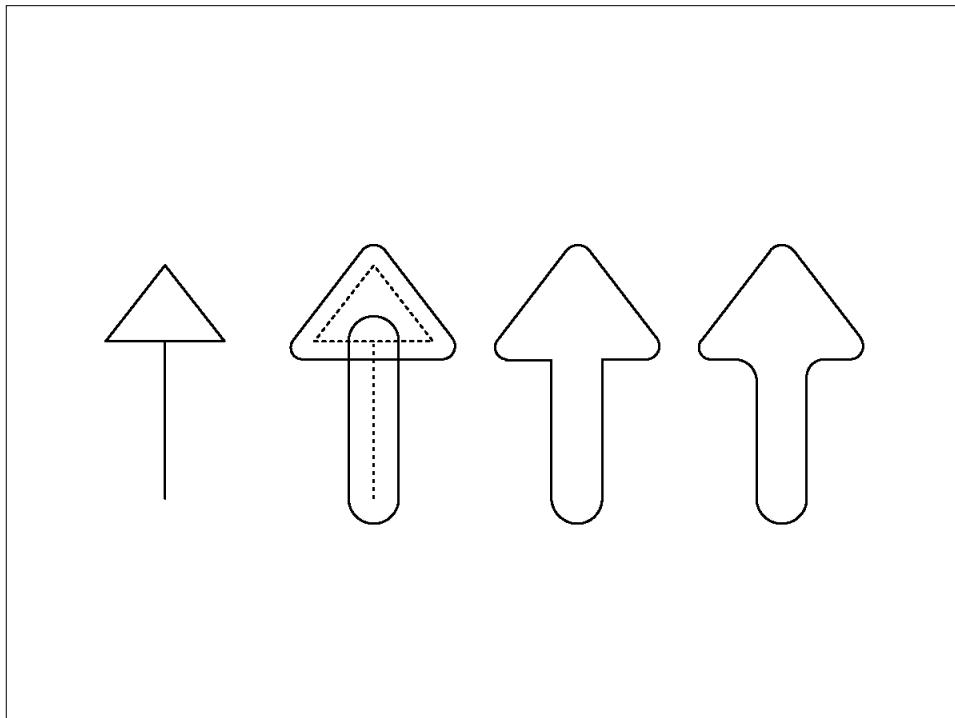


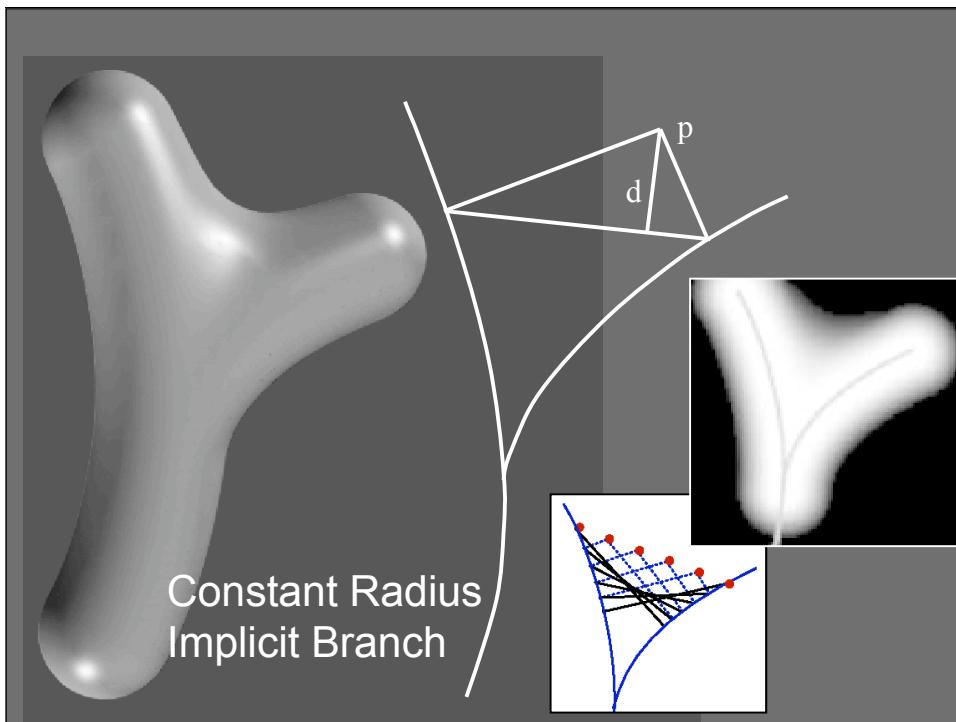
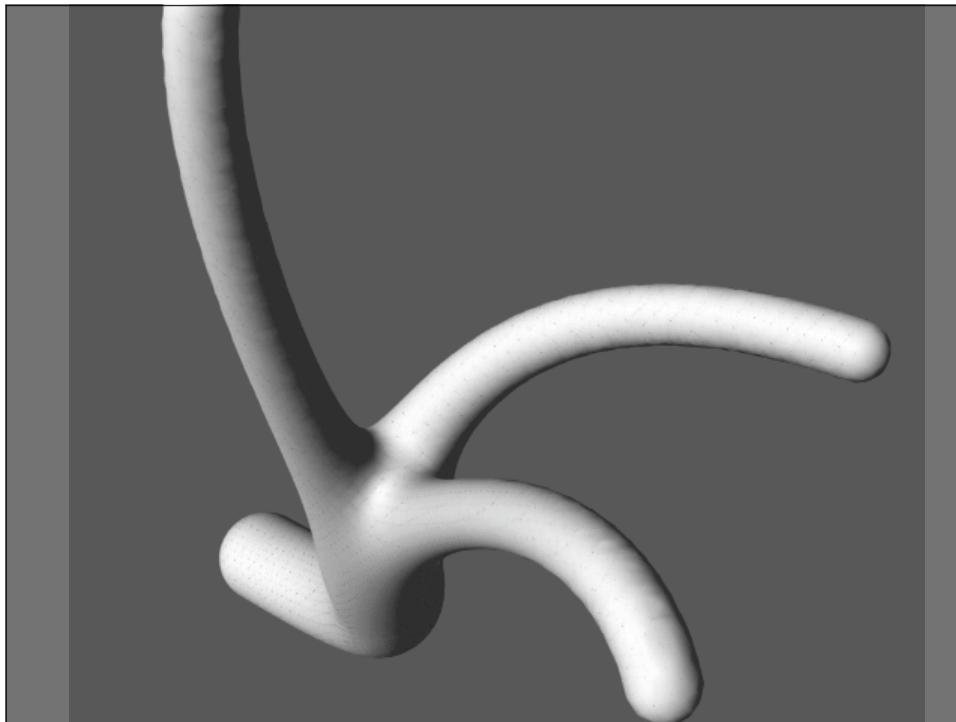


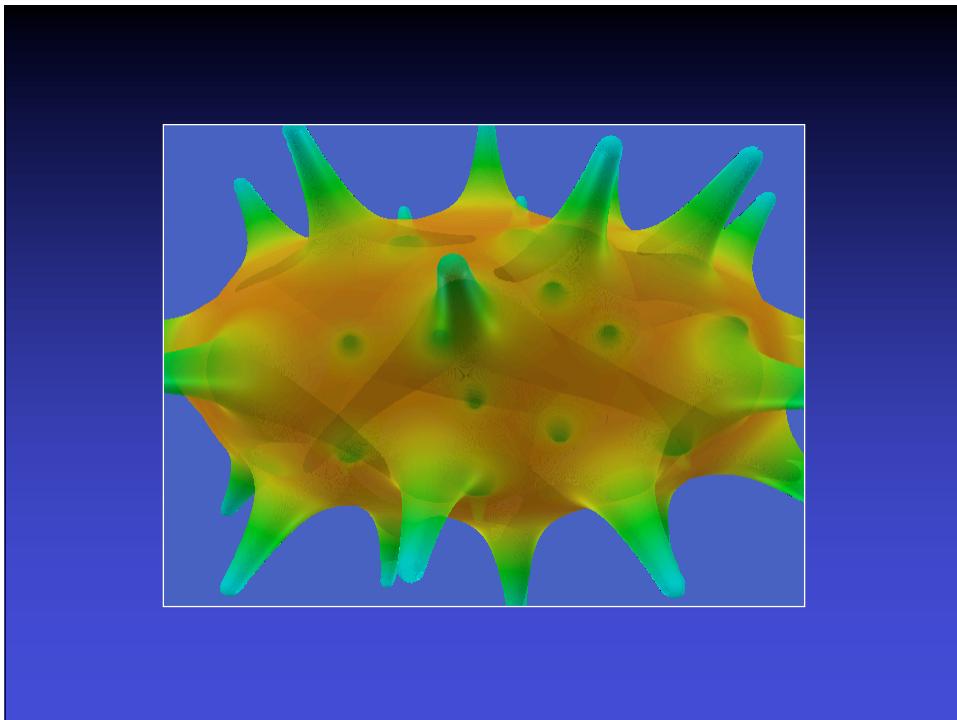
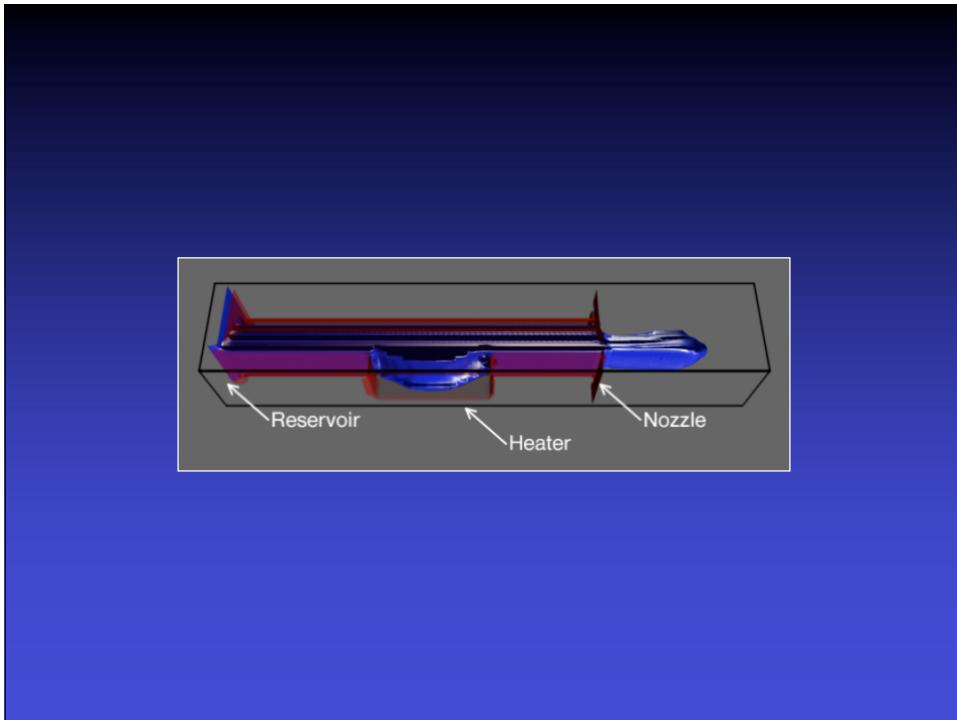


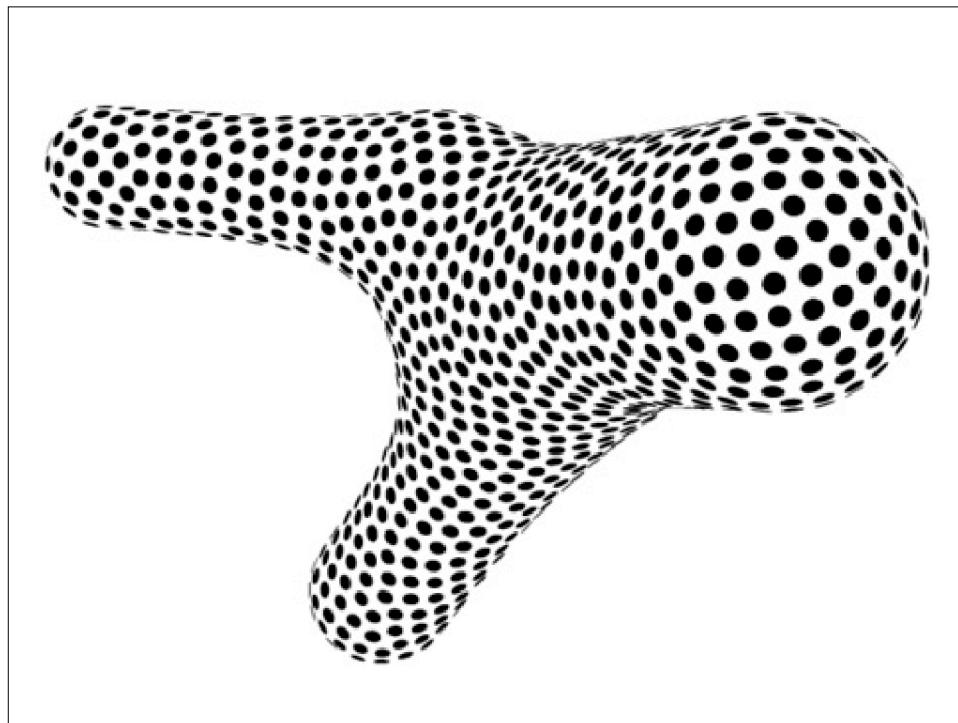
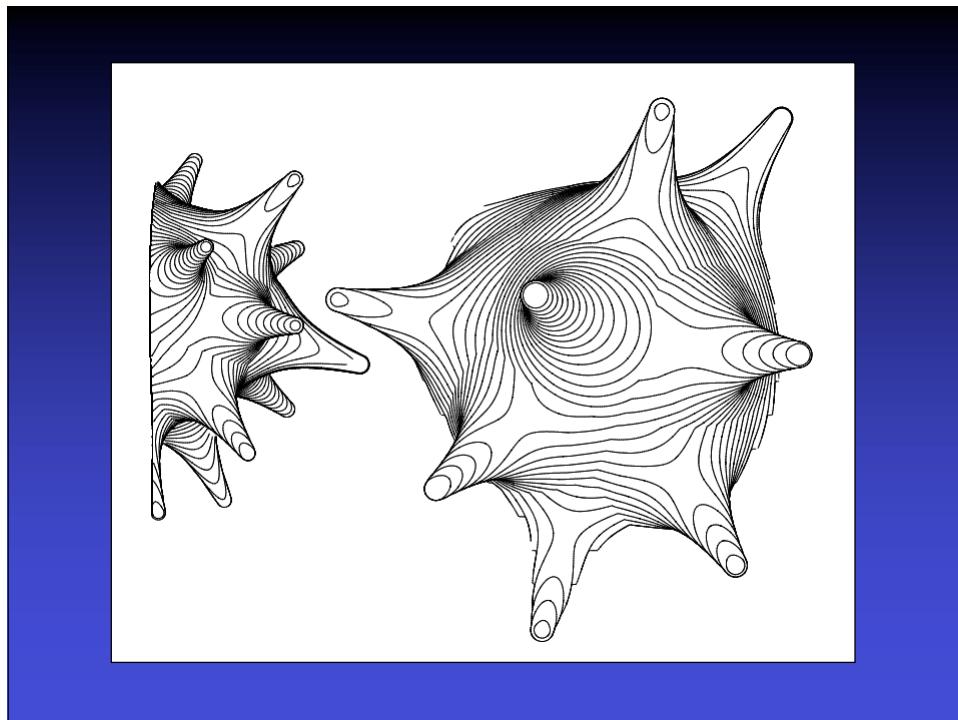


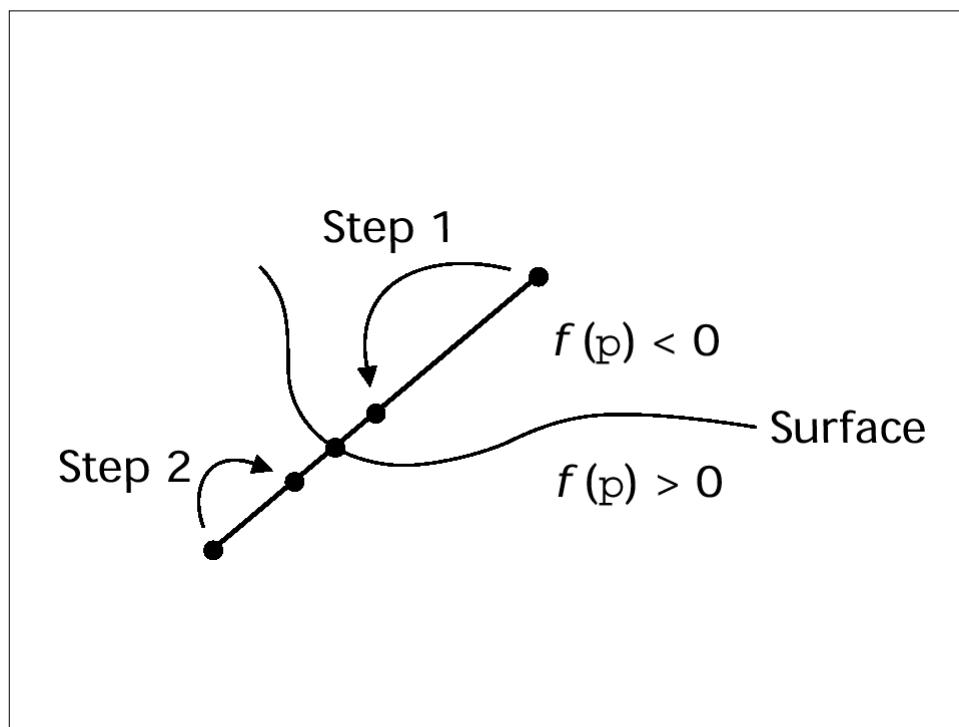
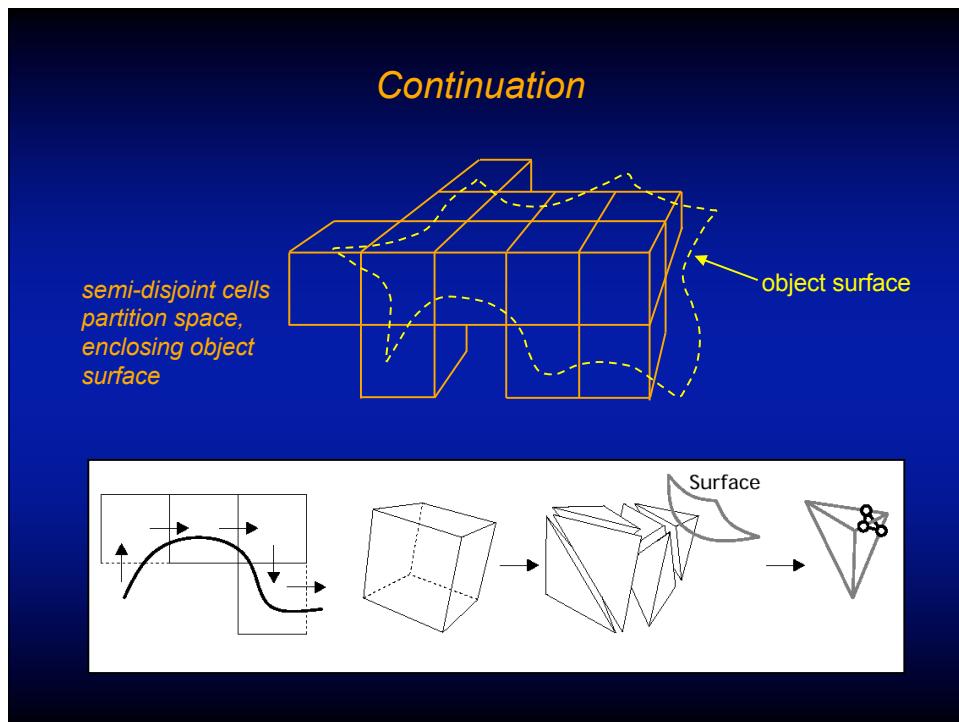


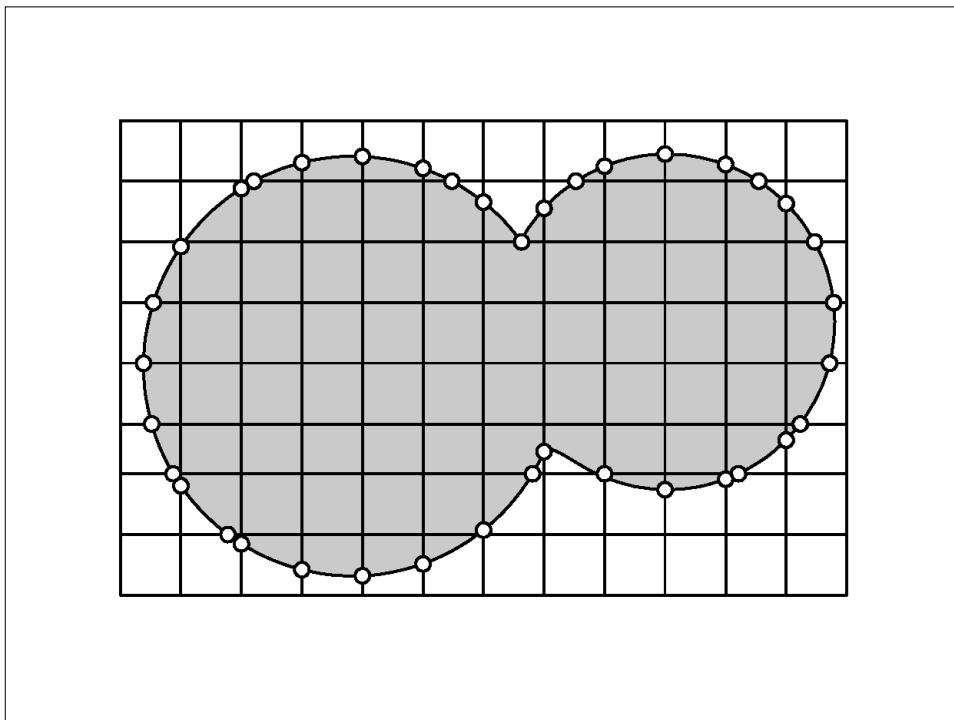
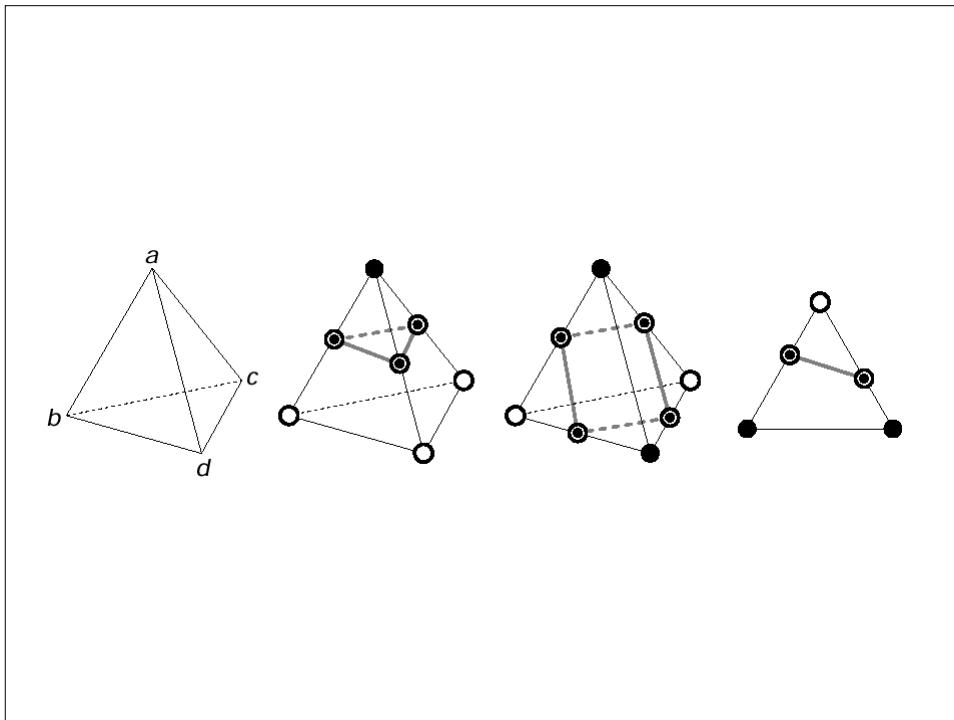


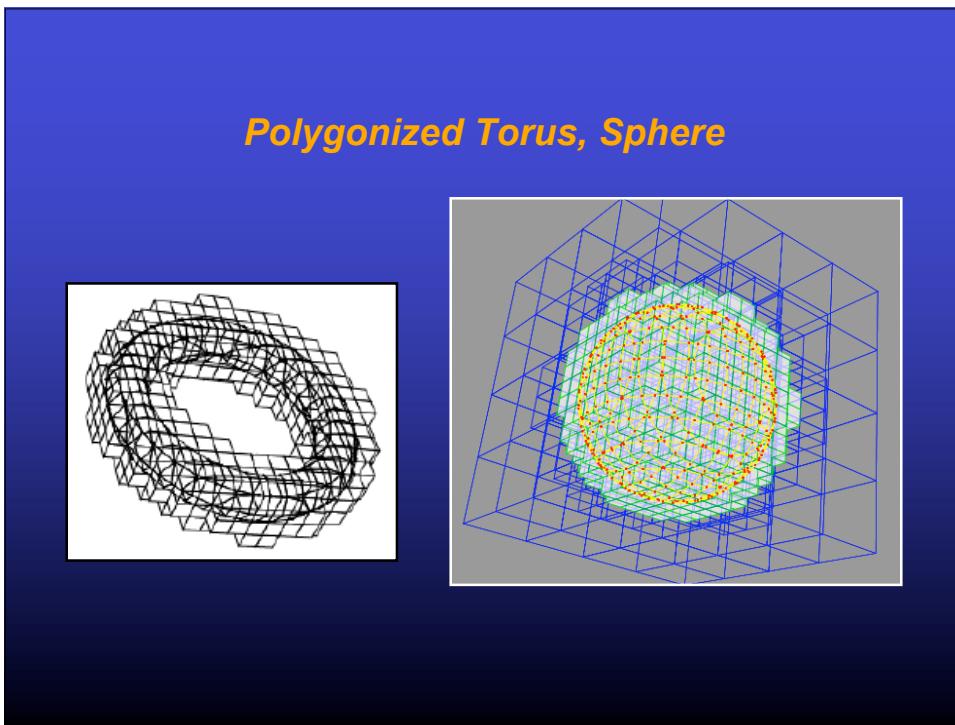
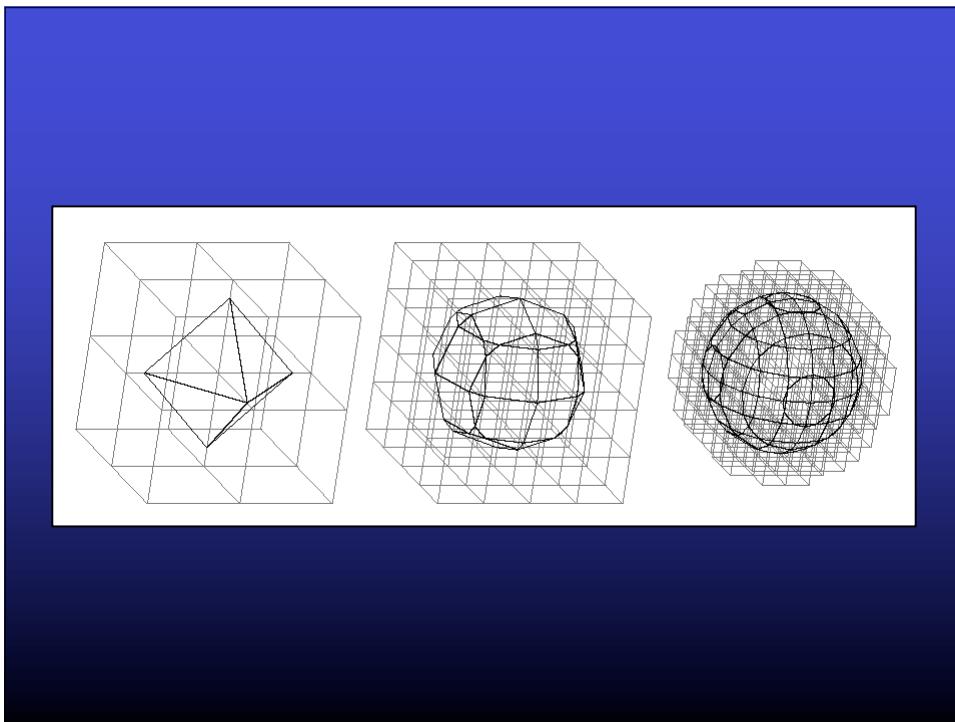


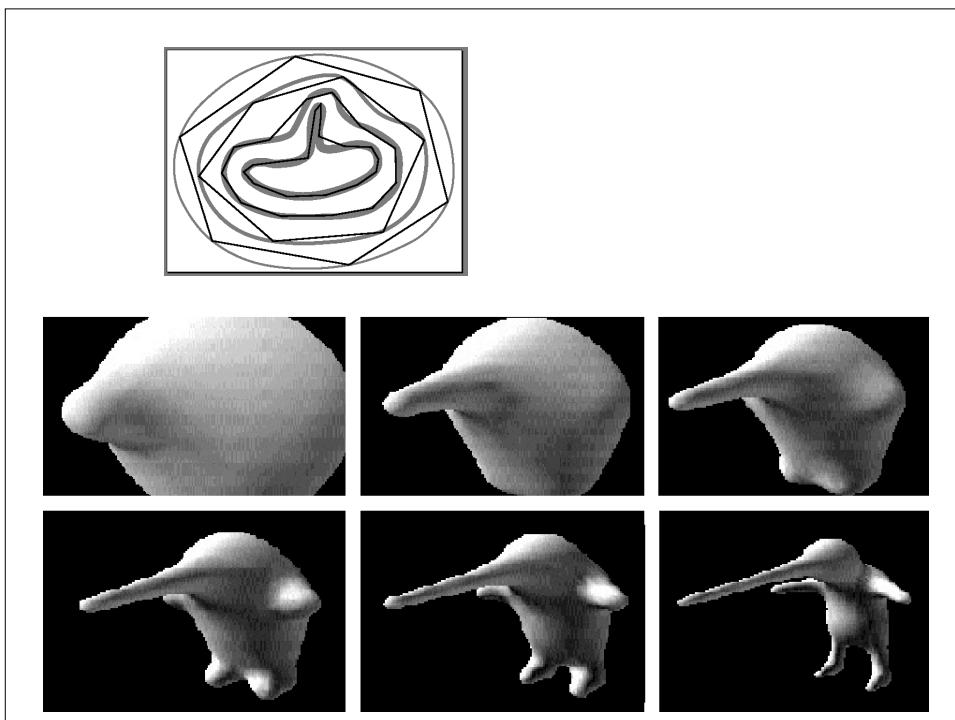
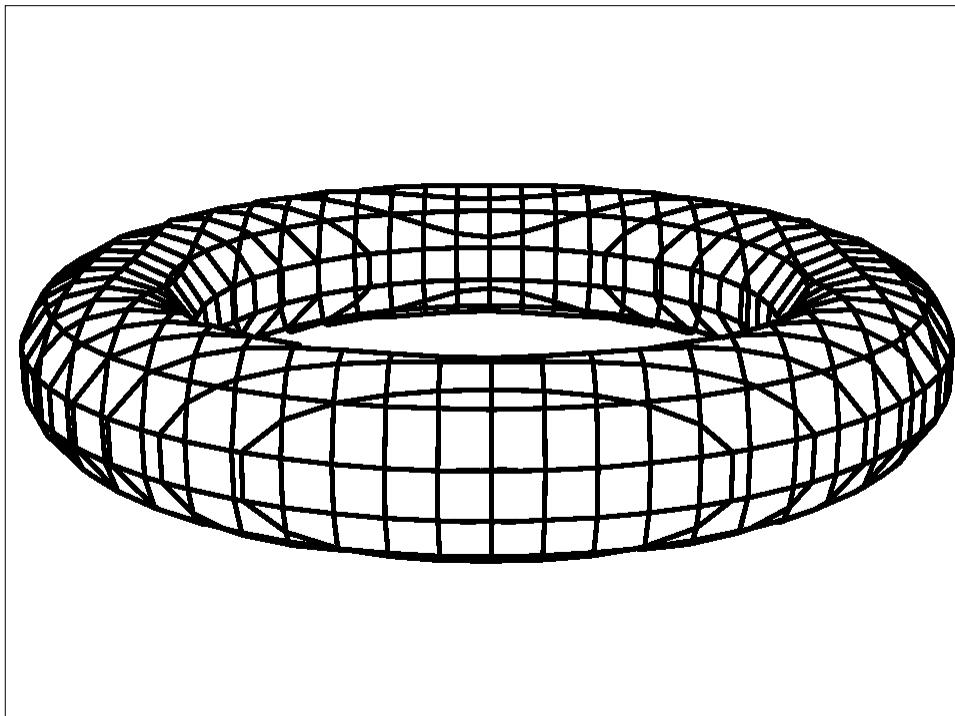


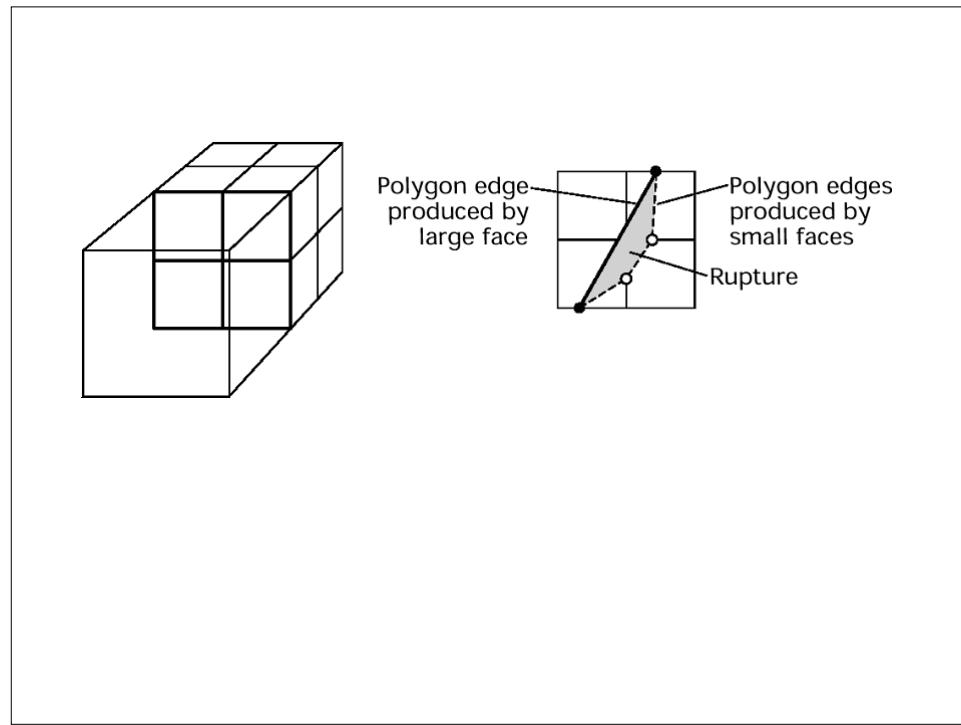
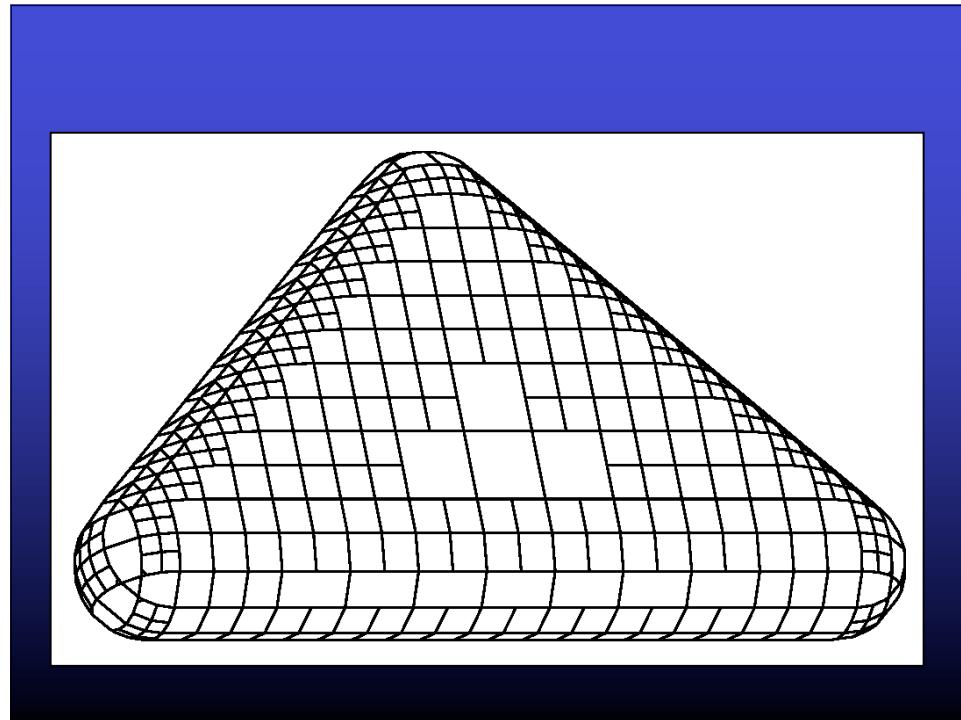


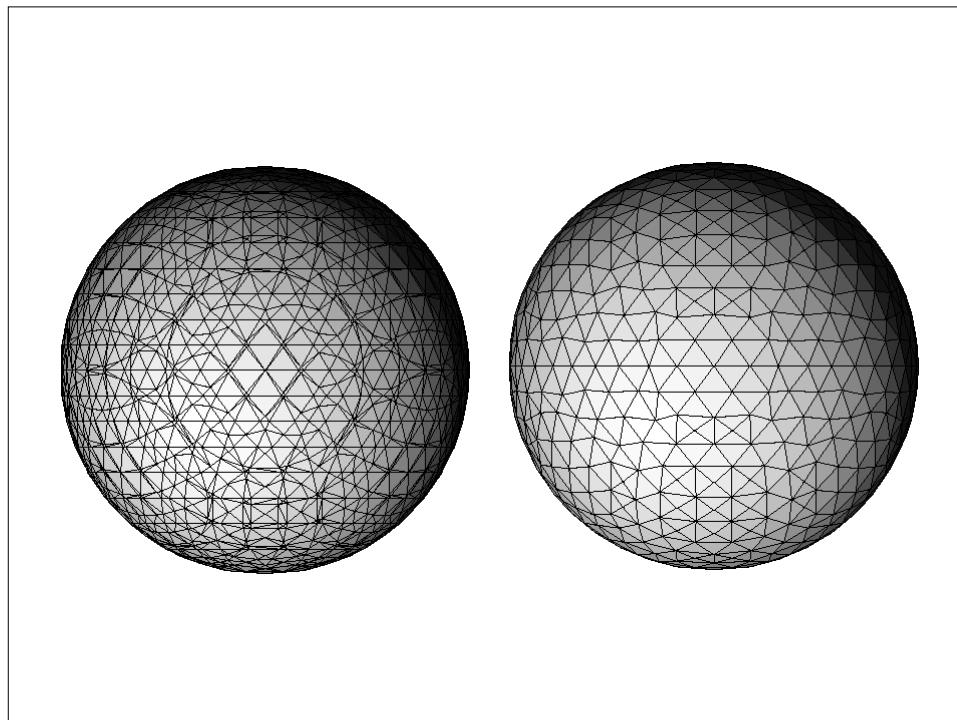
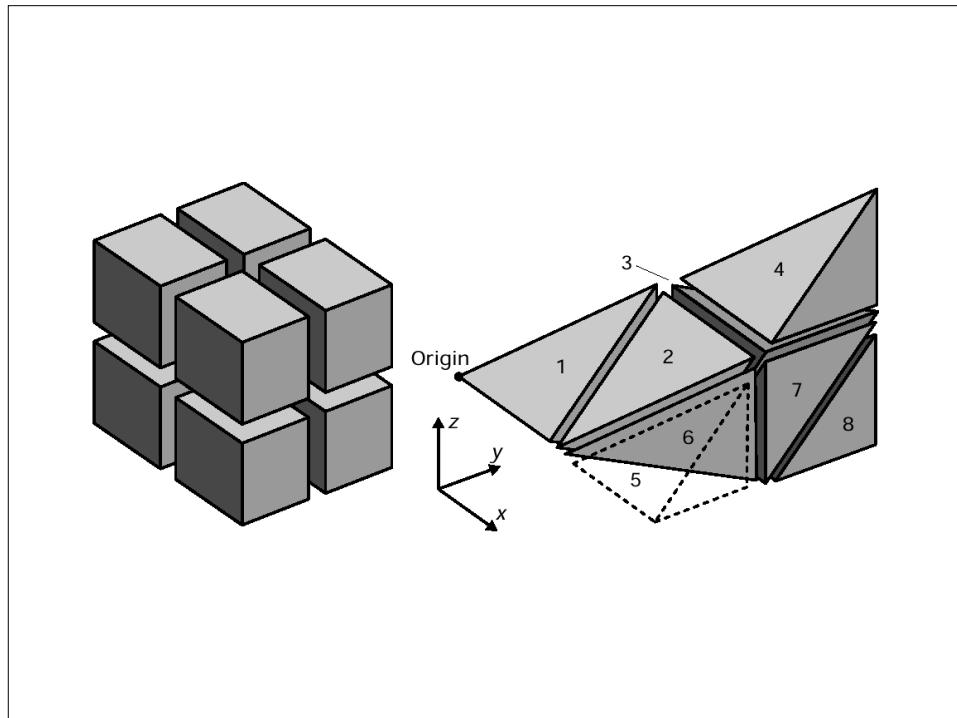


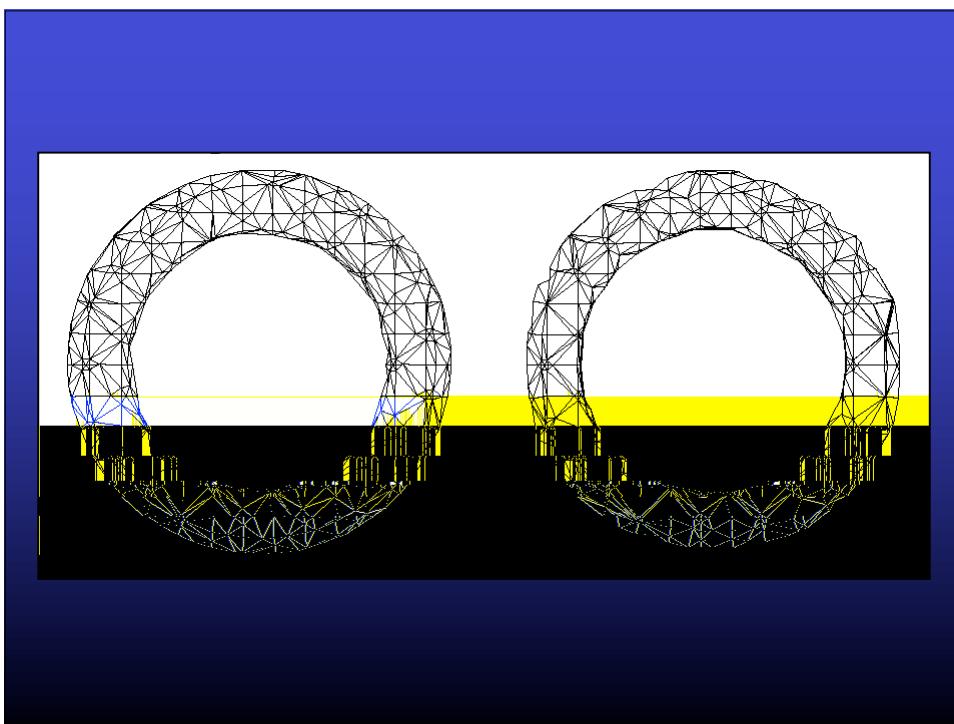
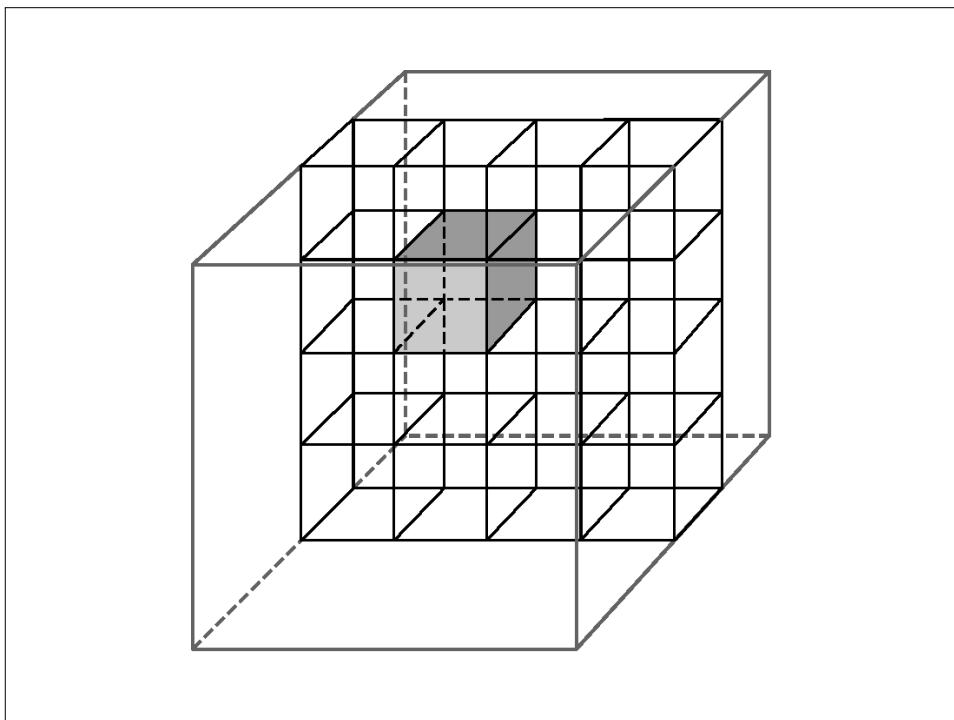


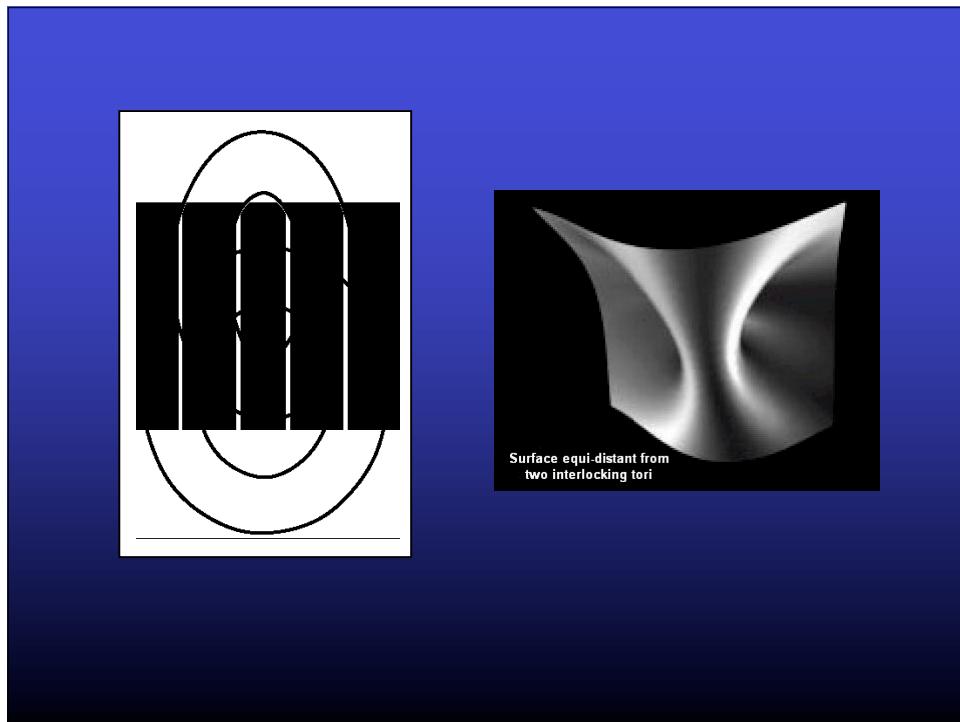


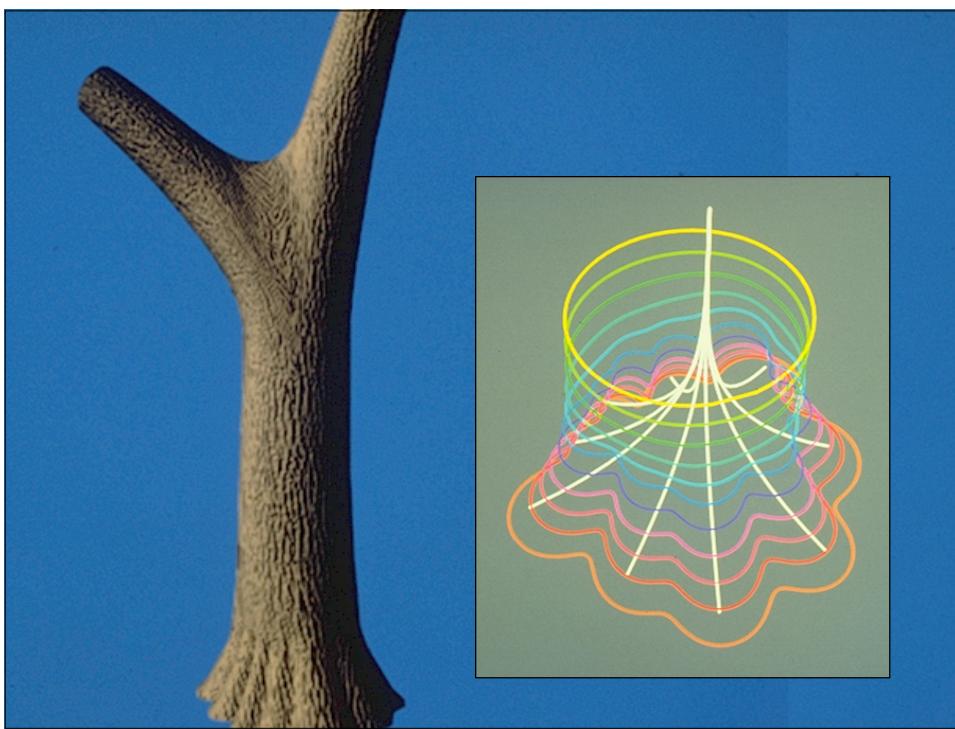
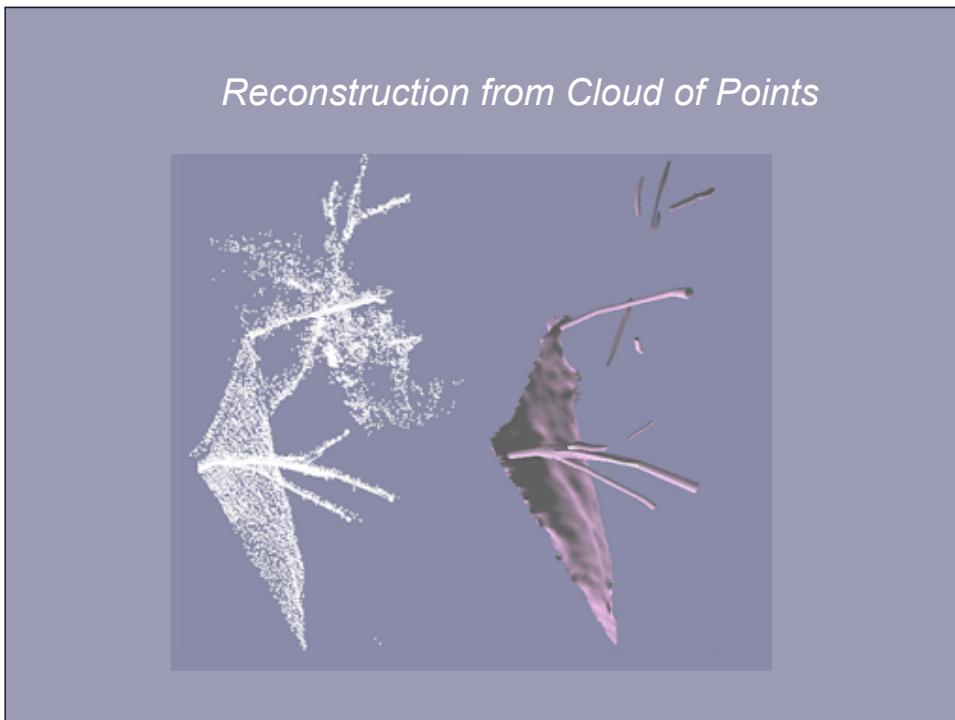


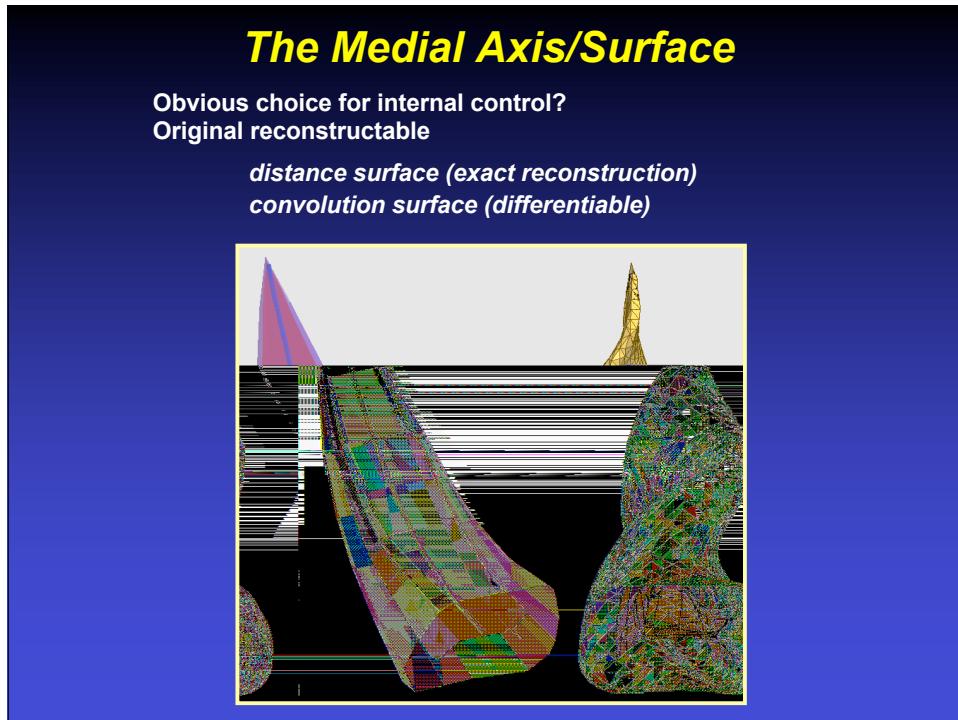
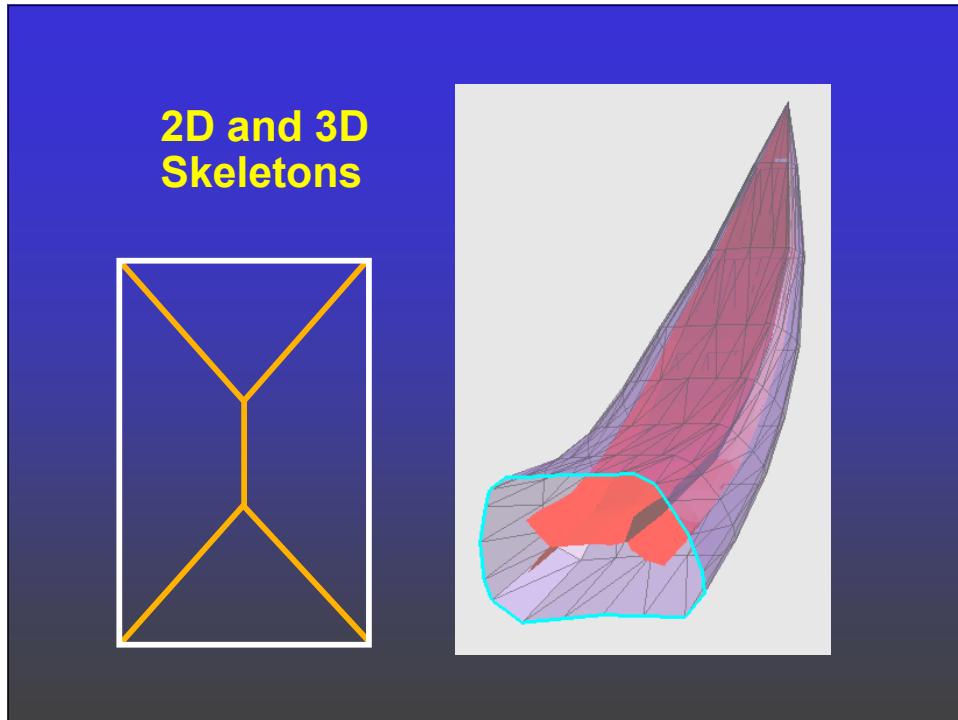


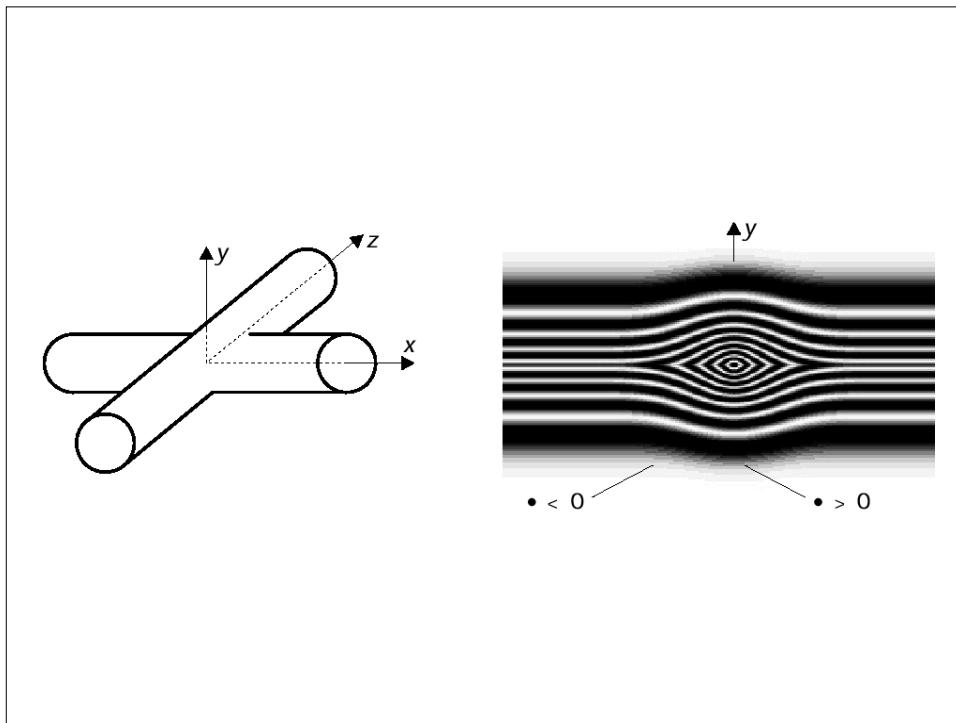
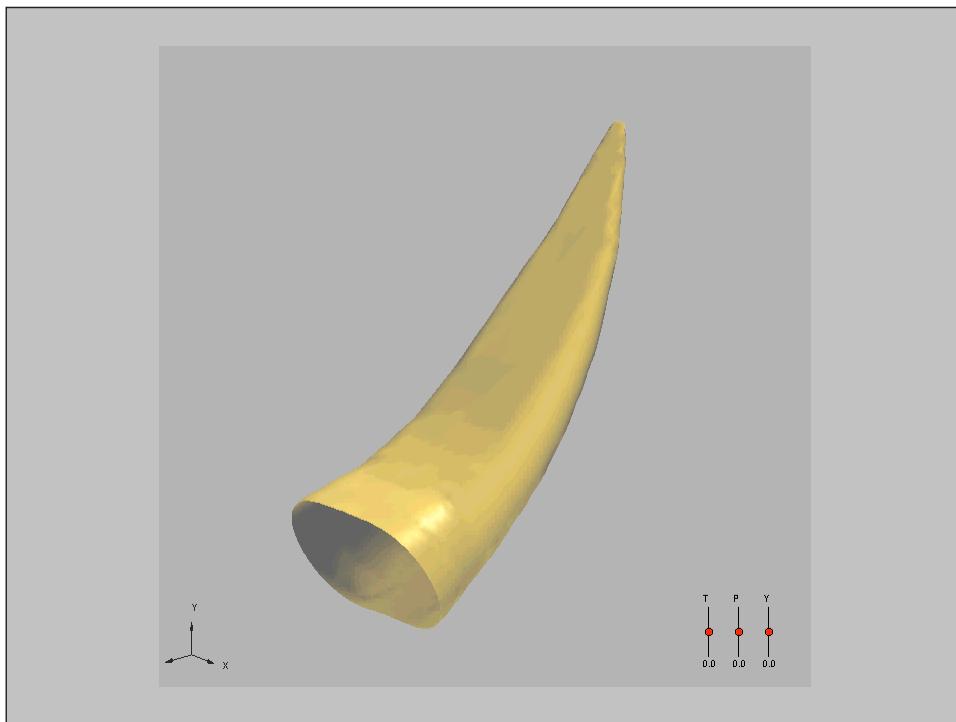


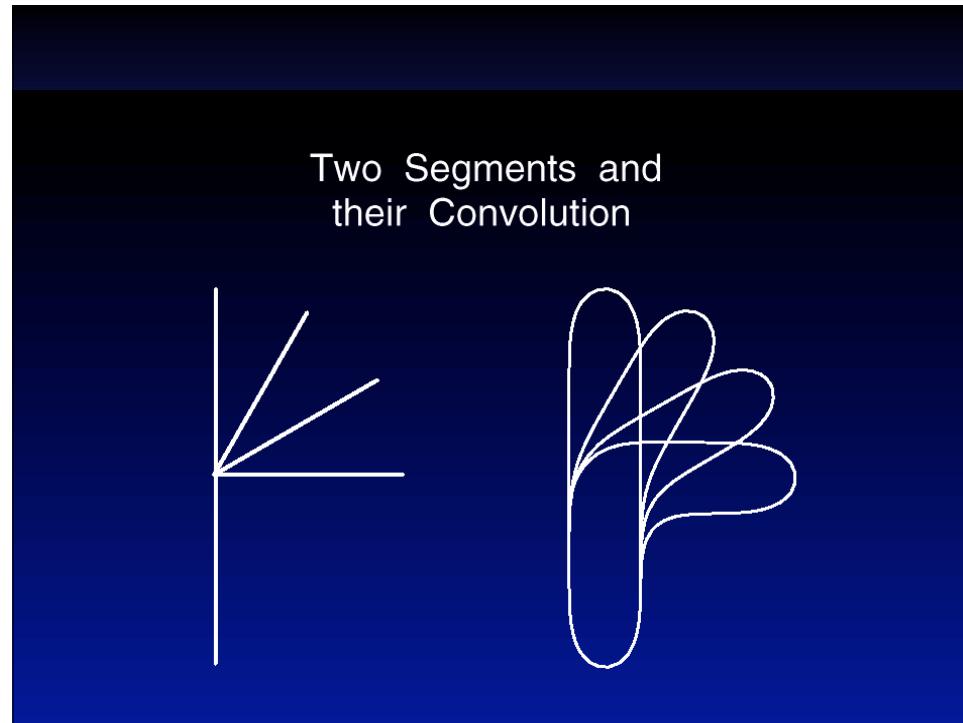
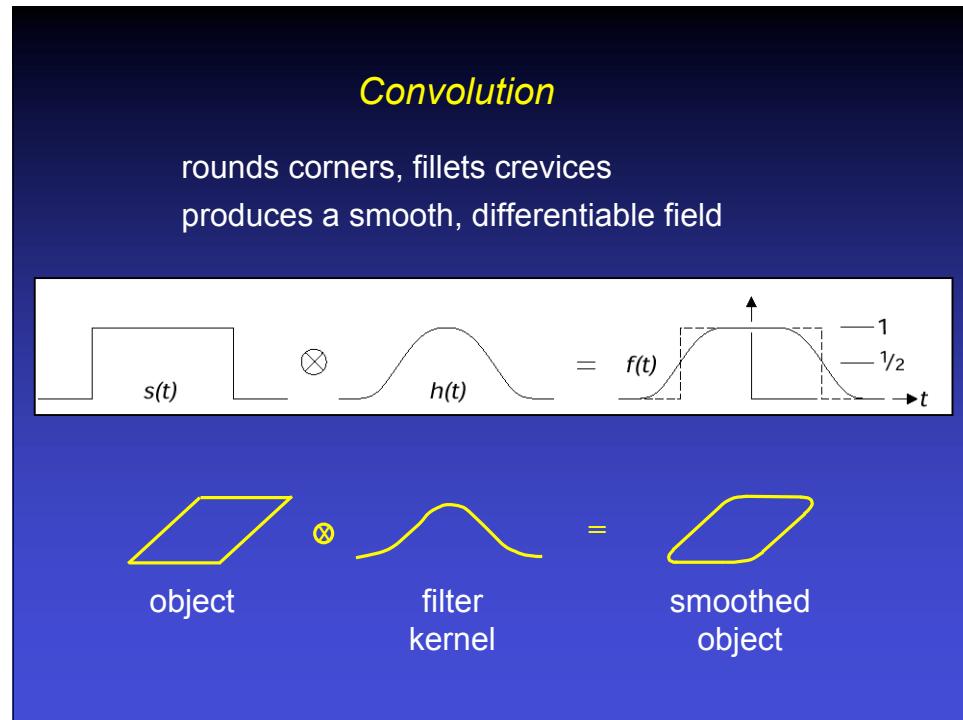


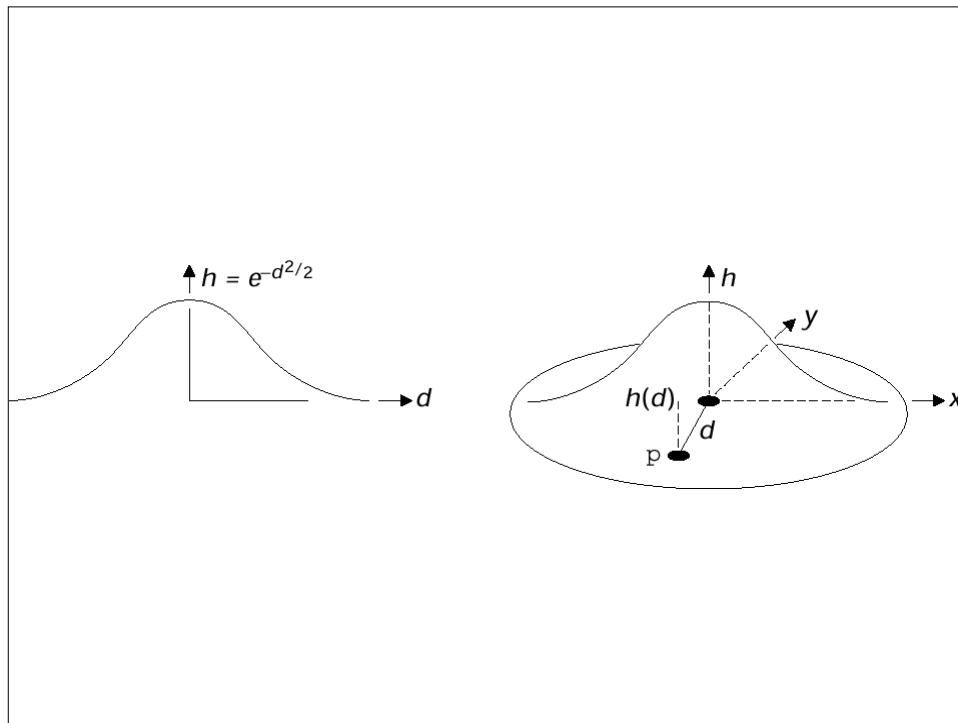
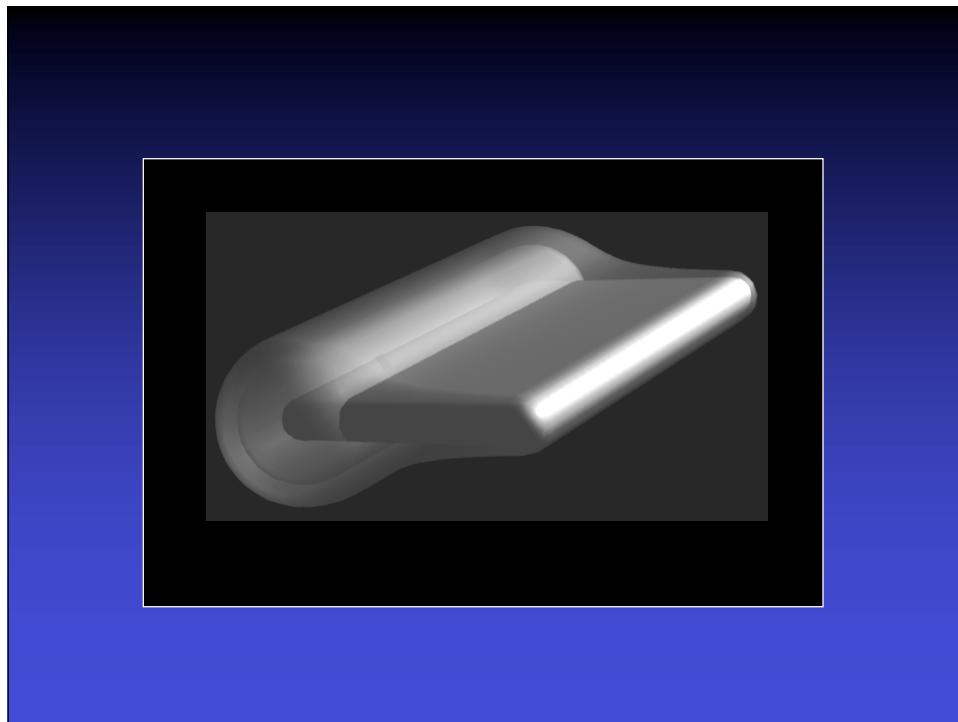


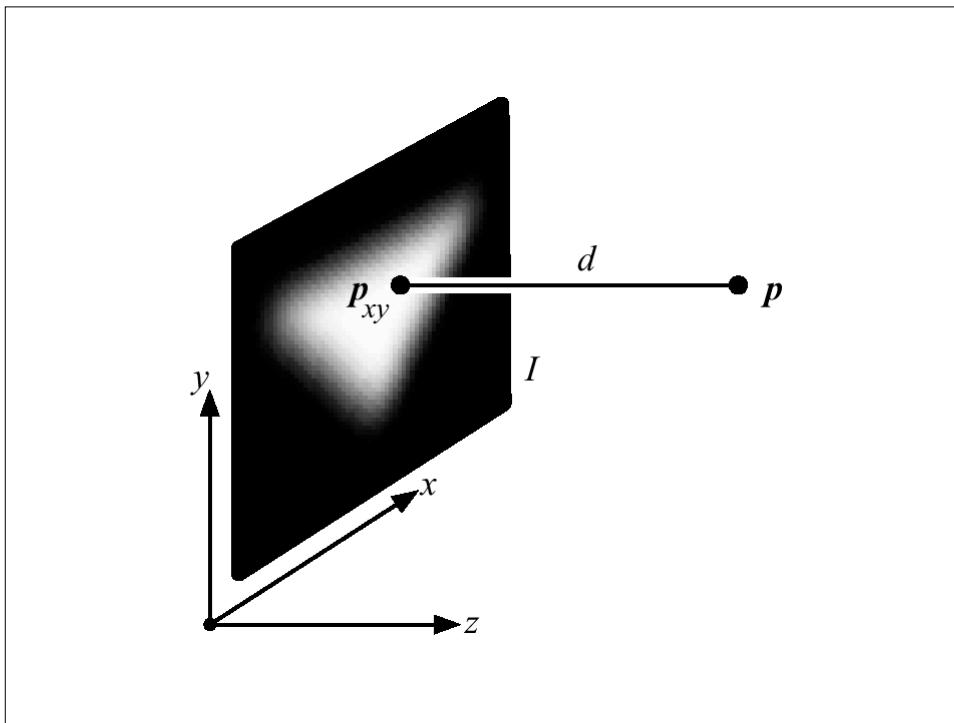
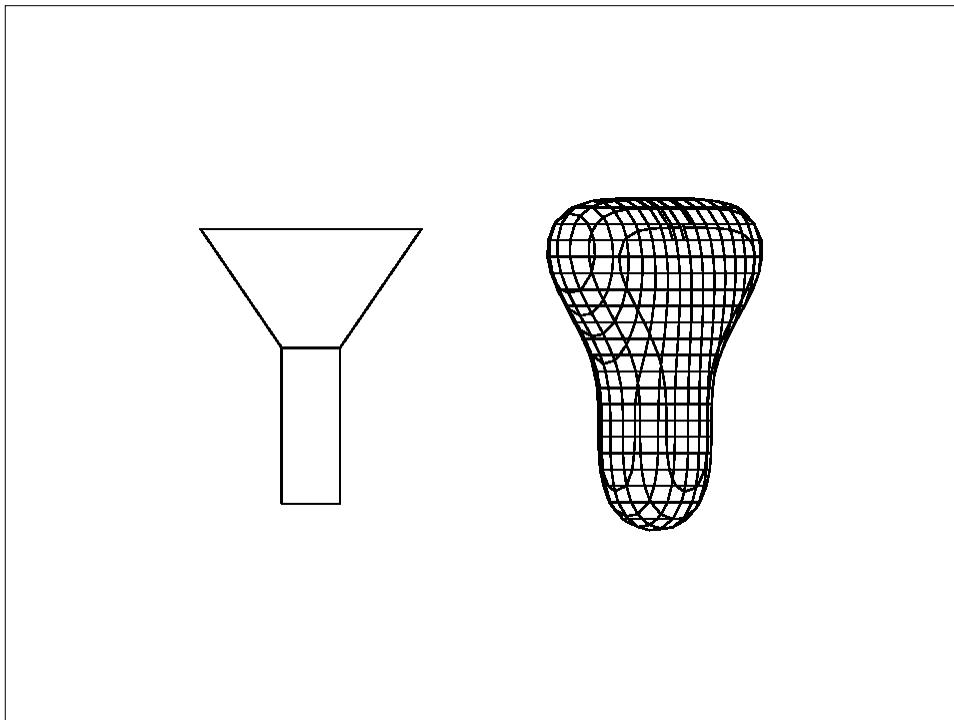


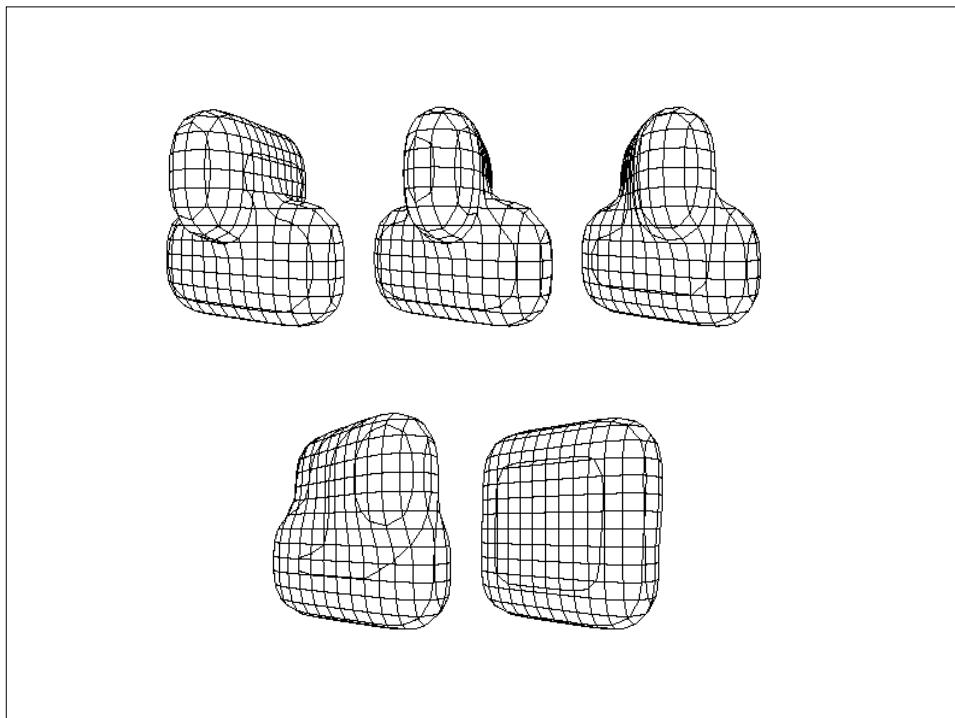
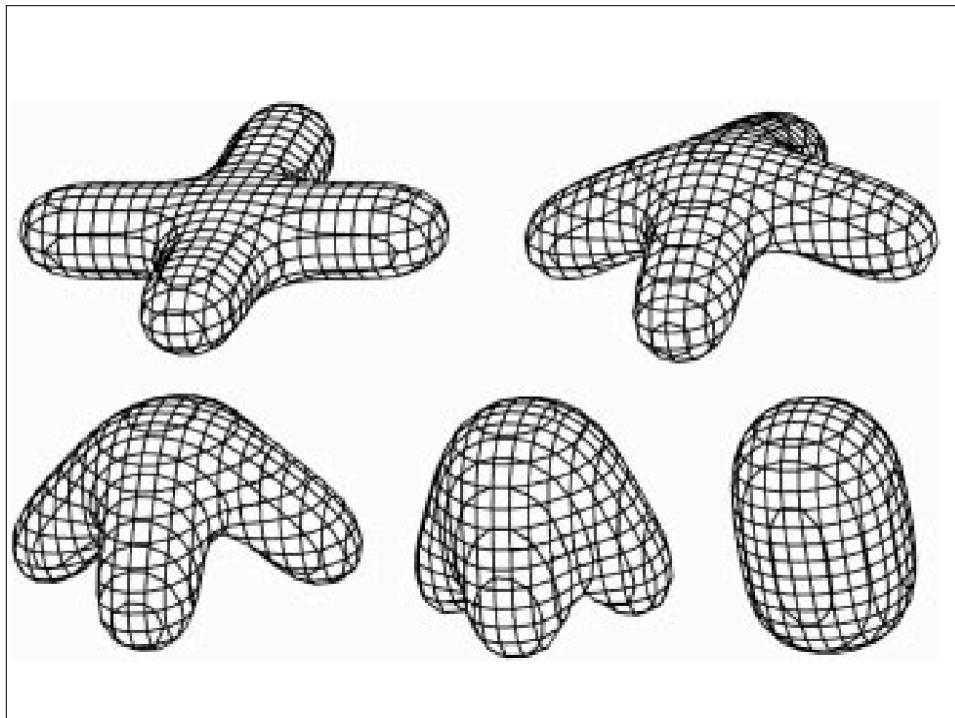


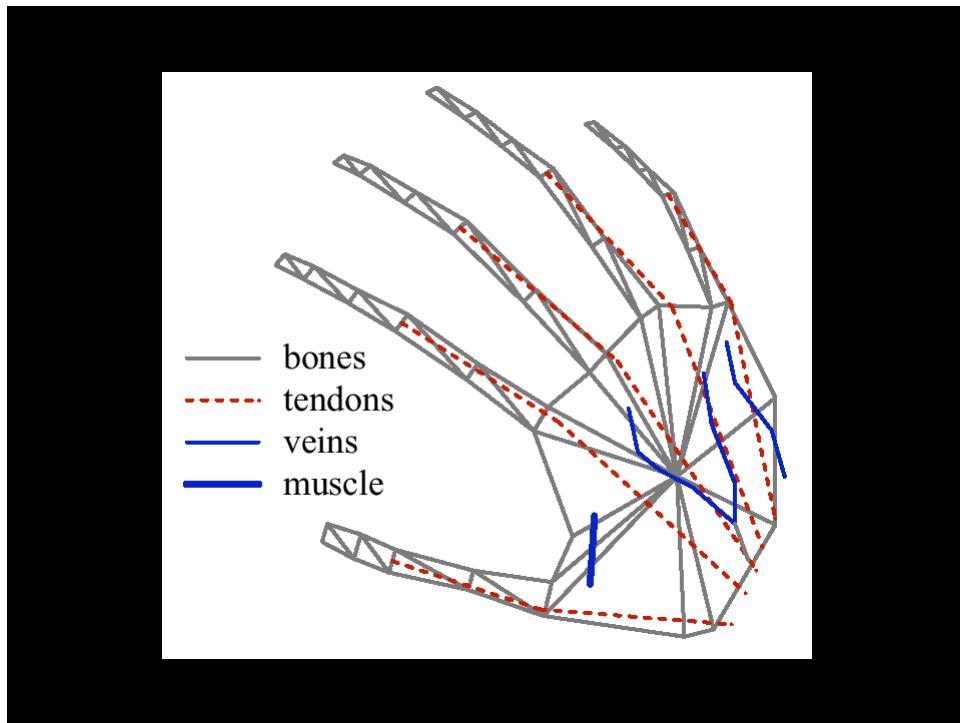
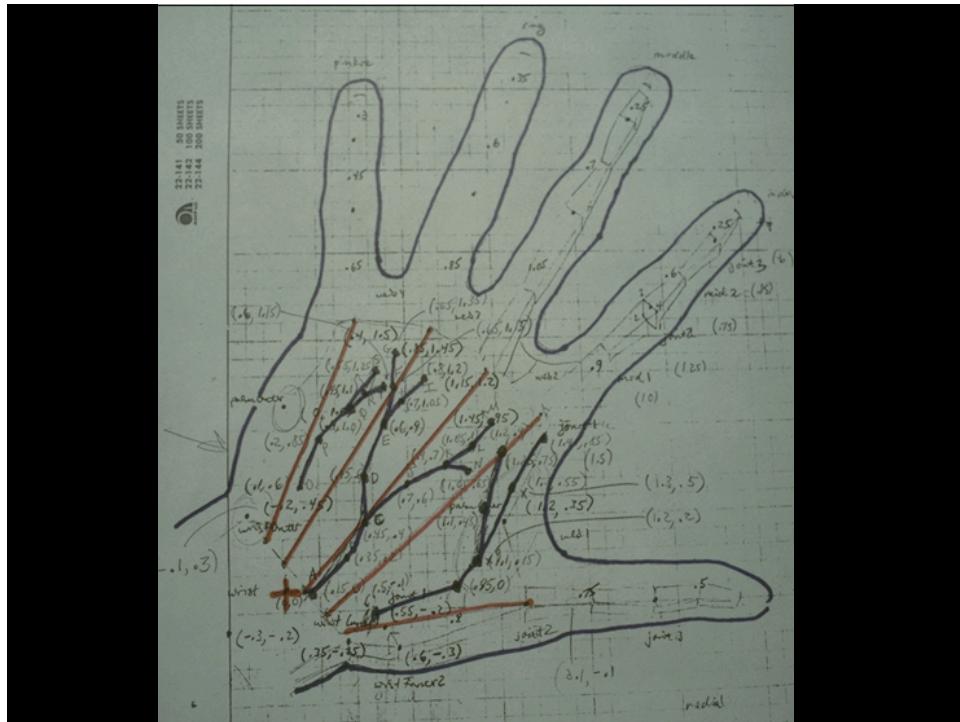


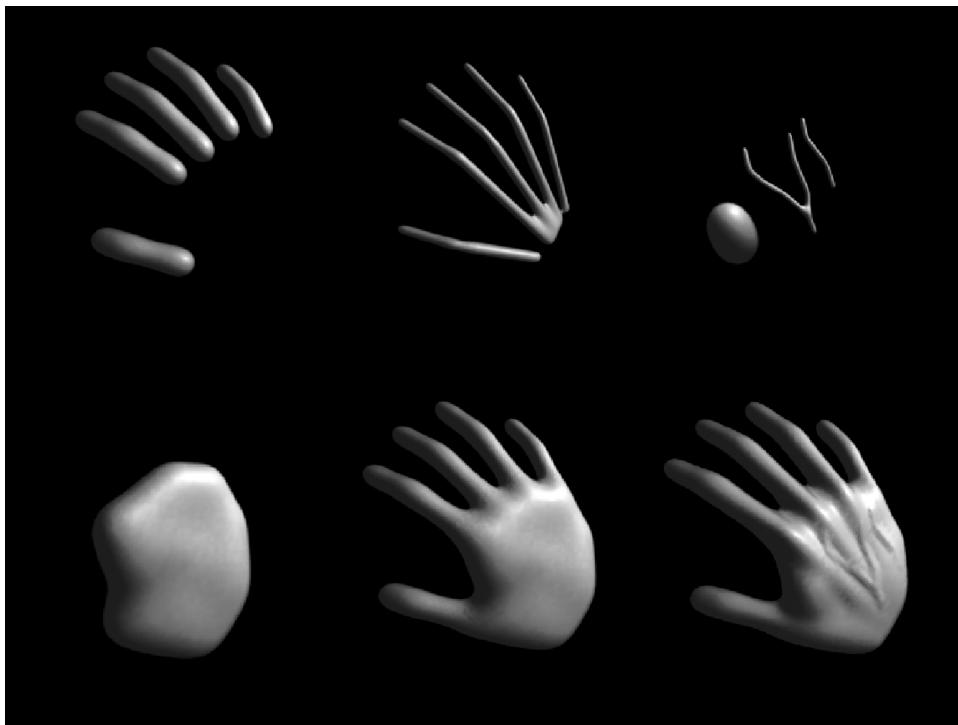
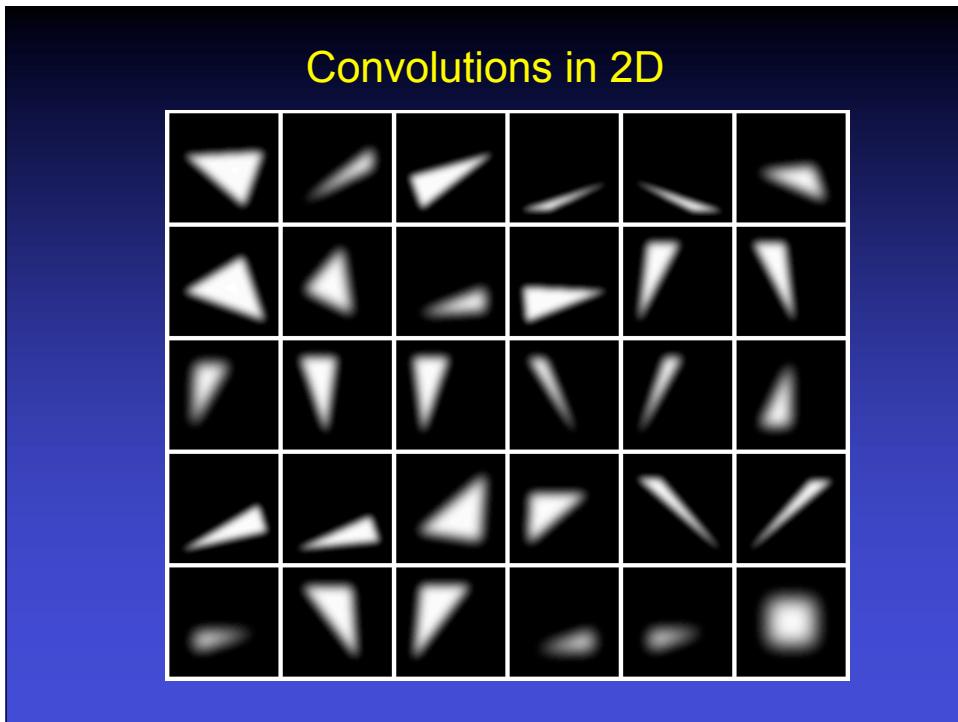


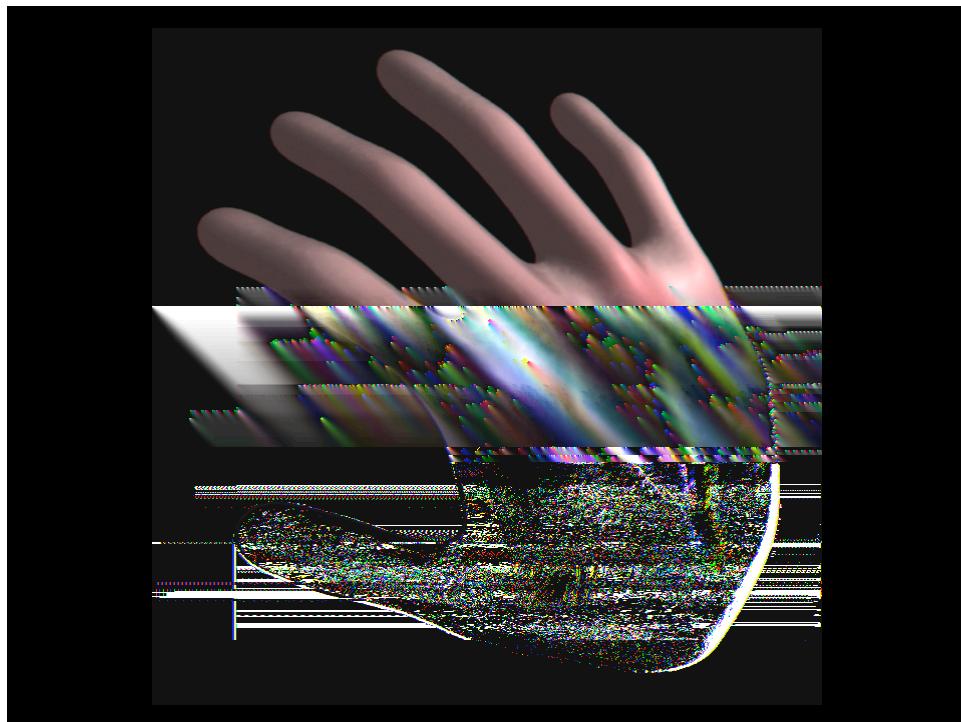


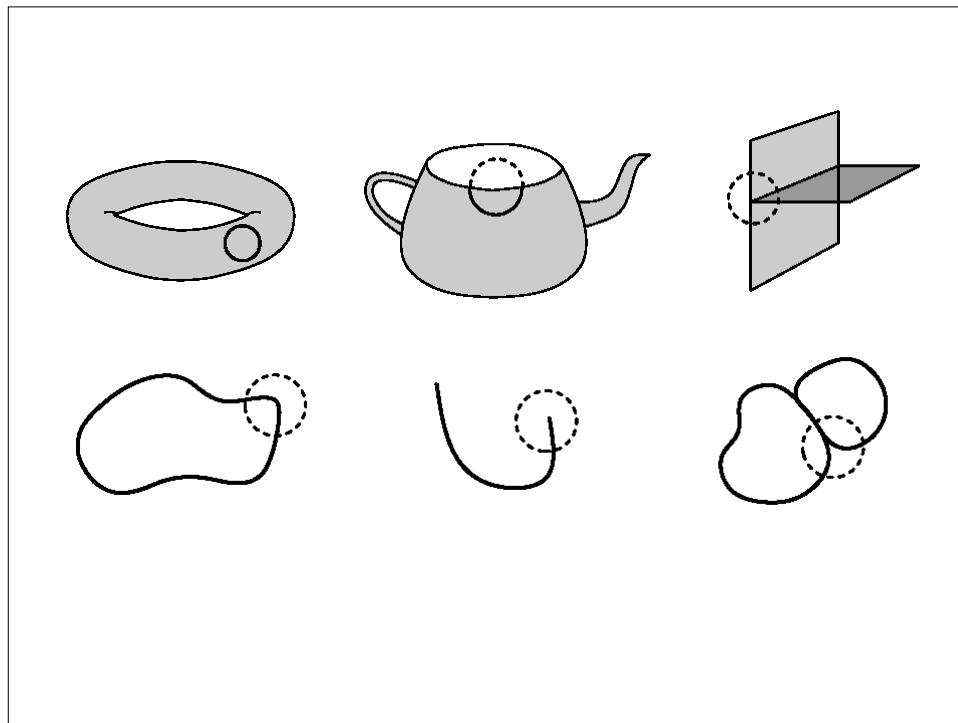


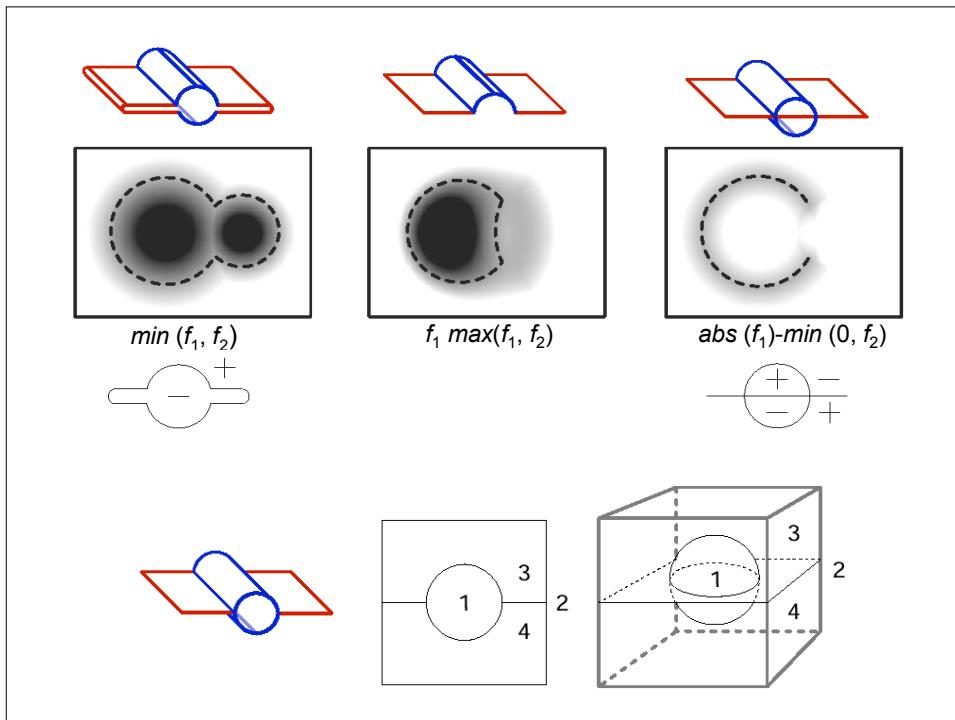
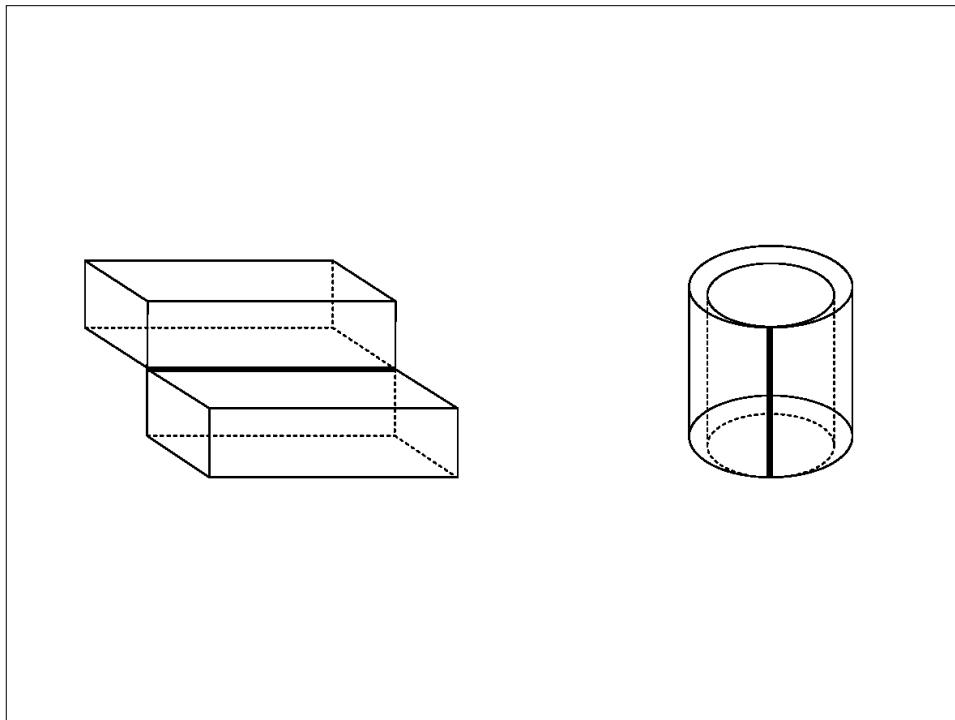


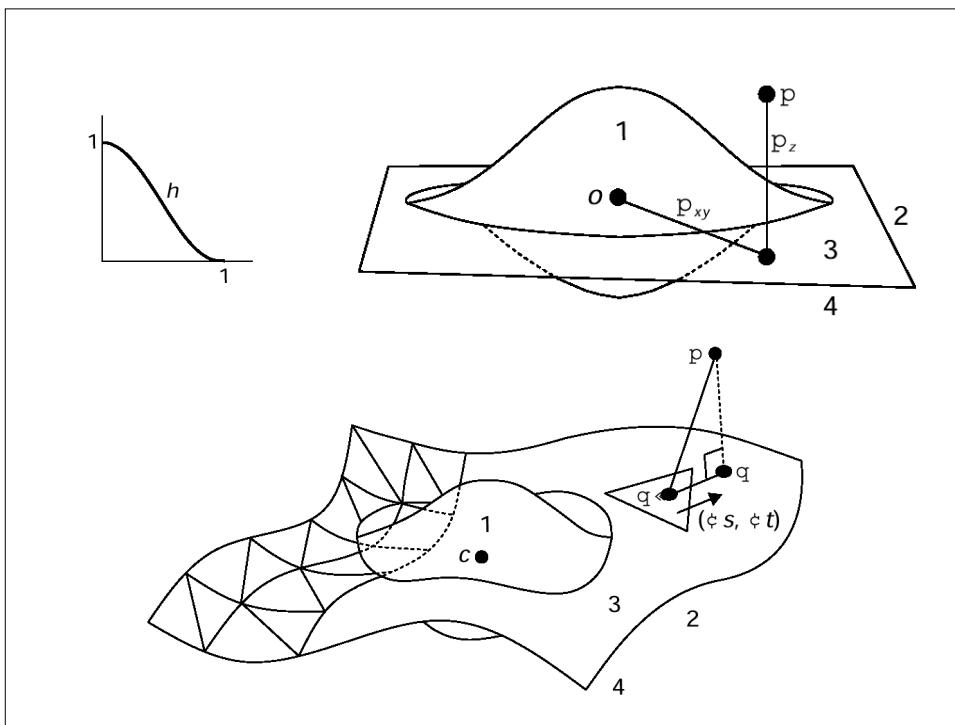
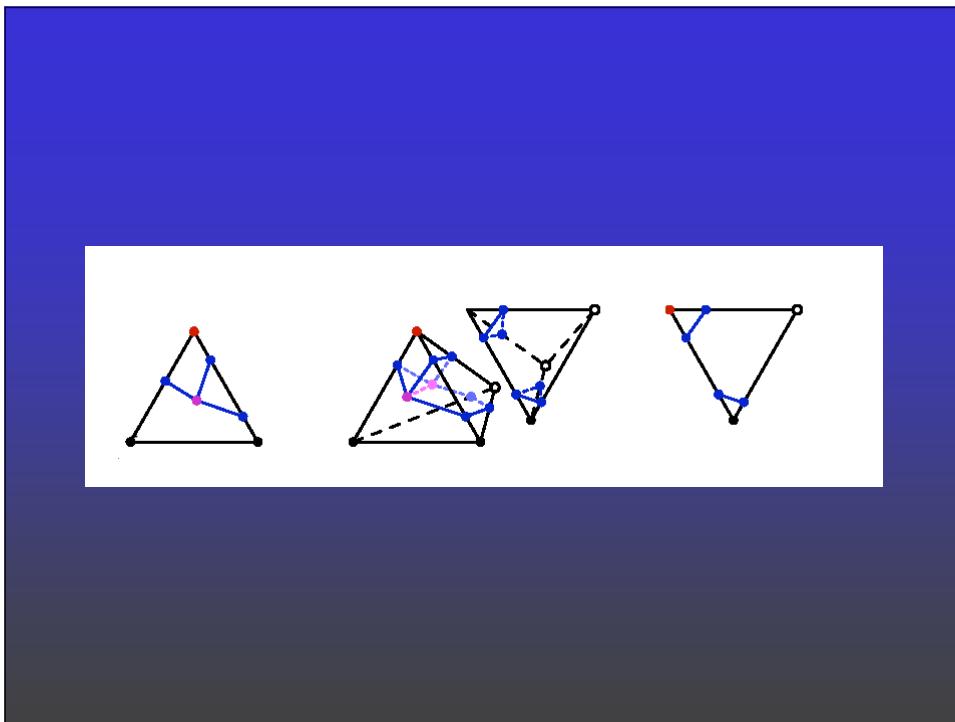


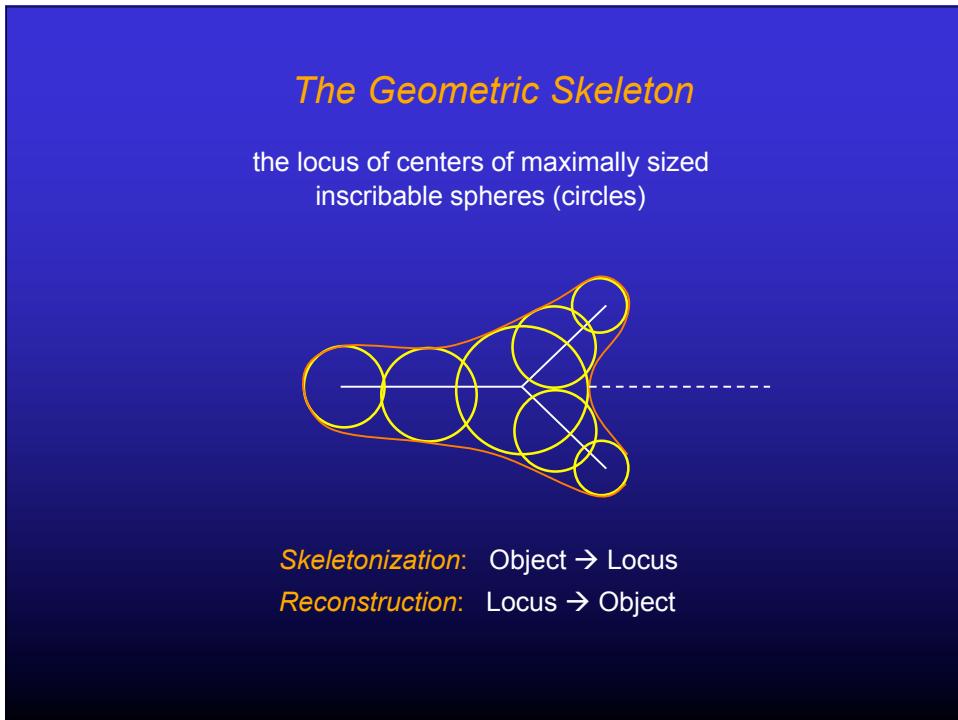
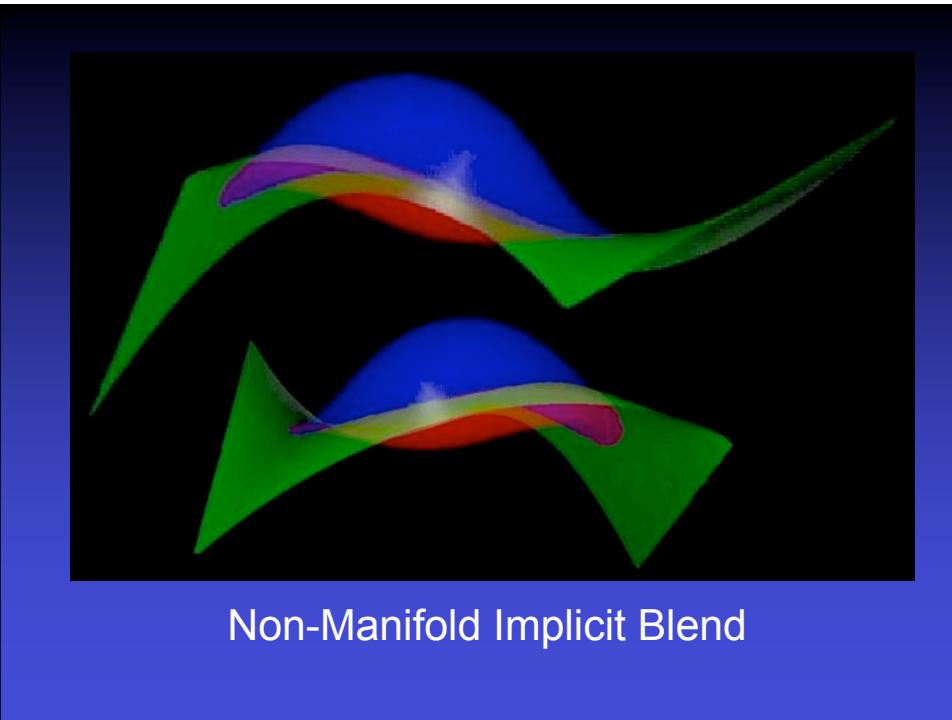


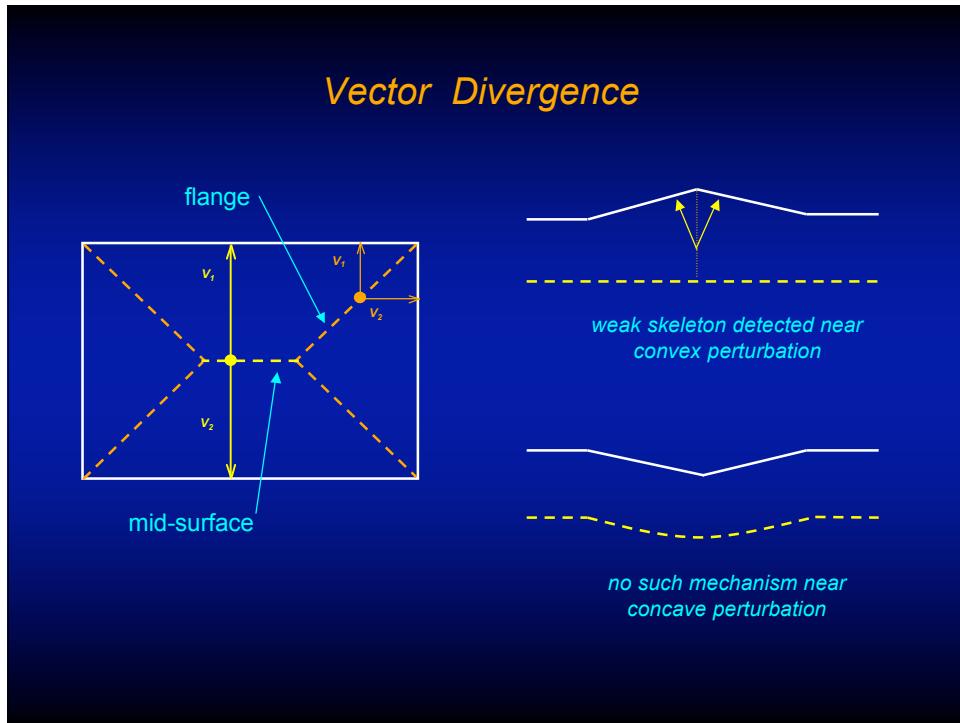
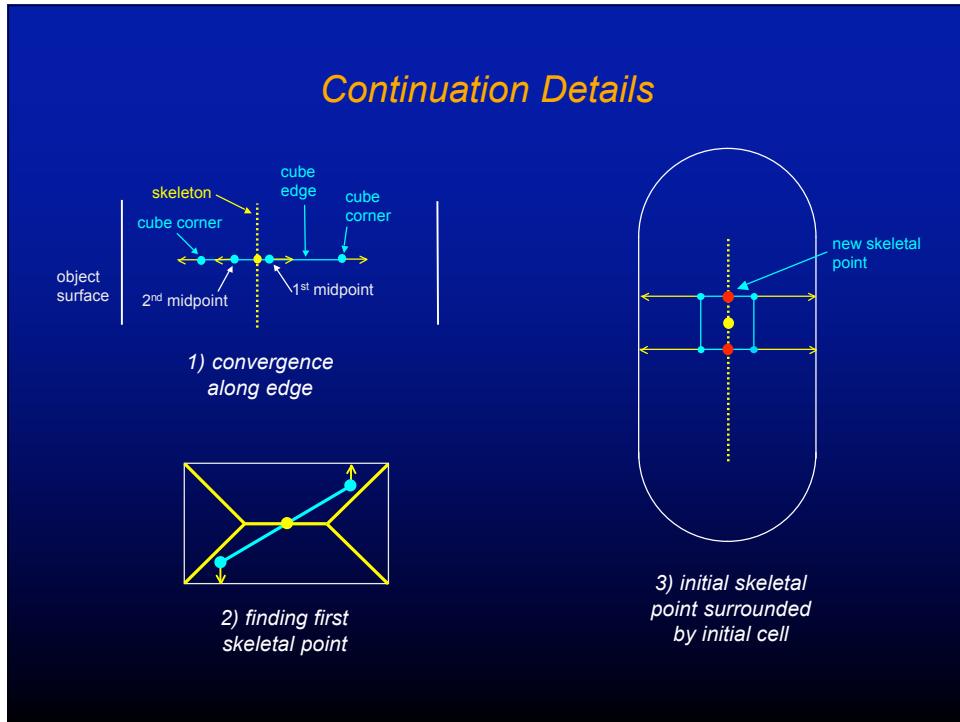












Motivation

Difficulty with control point networks

➡ Volumetric model
smooth surface

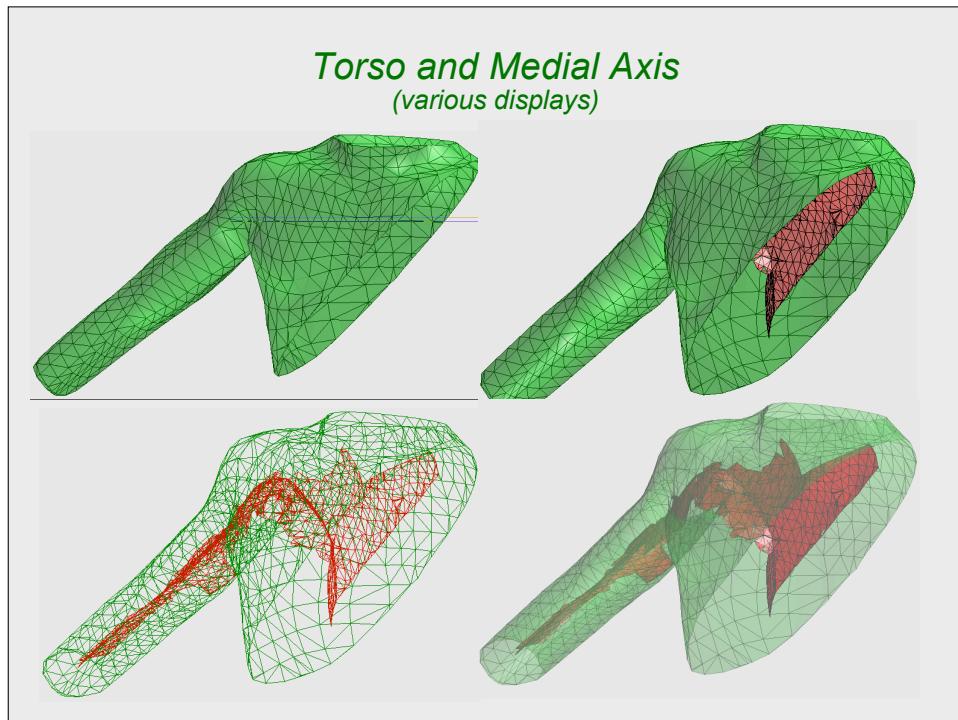
➡ Object Manipulation
geometrically derivable
internal stick-figure control

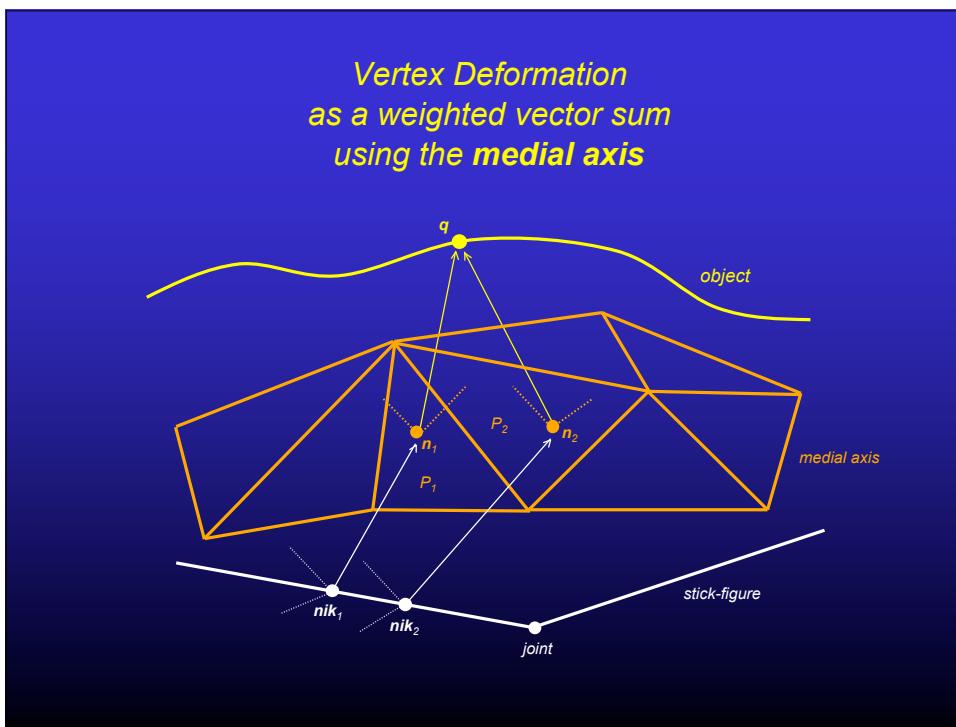
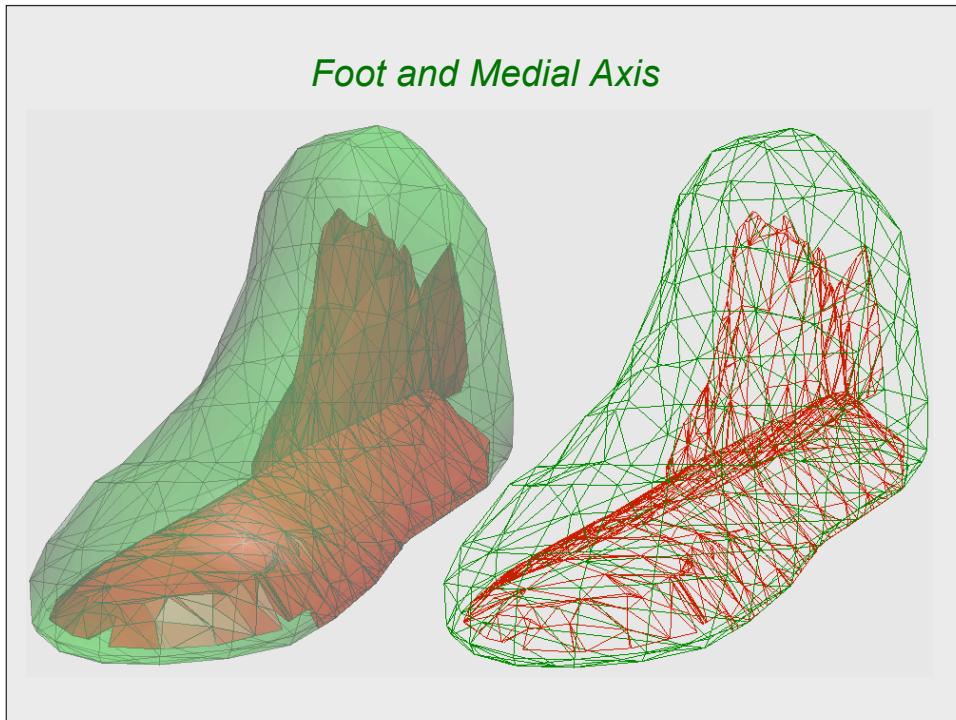
"Users hate reconstruction"

non-interactive
prone to artifacts
variable vertex count

Deformation (vertex blending)

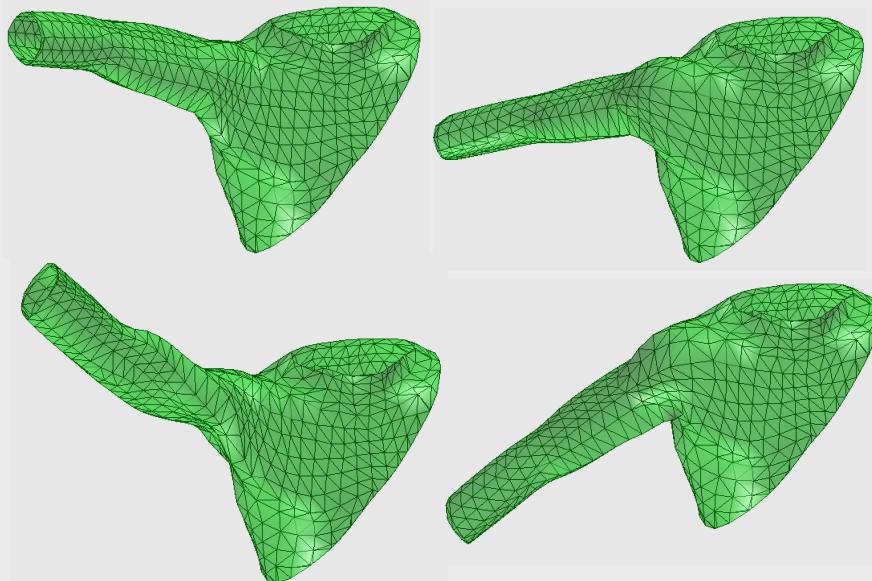
inherent artifacts
sensitive blend weights

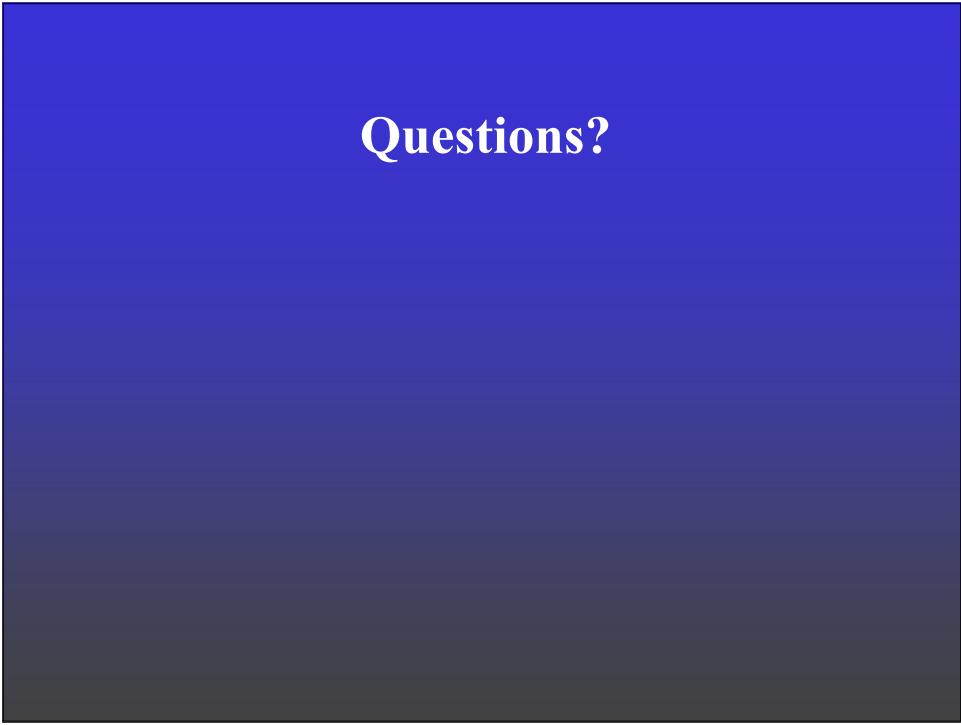




Demo

*Object Articulation achieved by
Vertex Deformation*





Questions?